

AD-A102 444

GOULD INC. GLEN BURNIE MD CHESAPEAKE INSTRUMENT DIV.
TABLE OF THE MODIFIED BESSEL FUNCTIONS OF ORDERS ZERO AND ONE T--ETC(U)
JUN 81 O LINDEMANN

N00014-78-C-0572

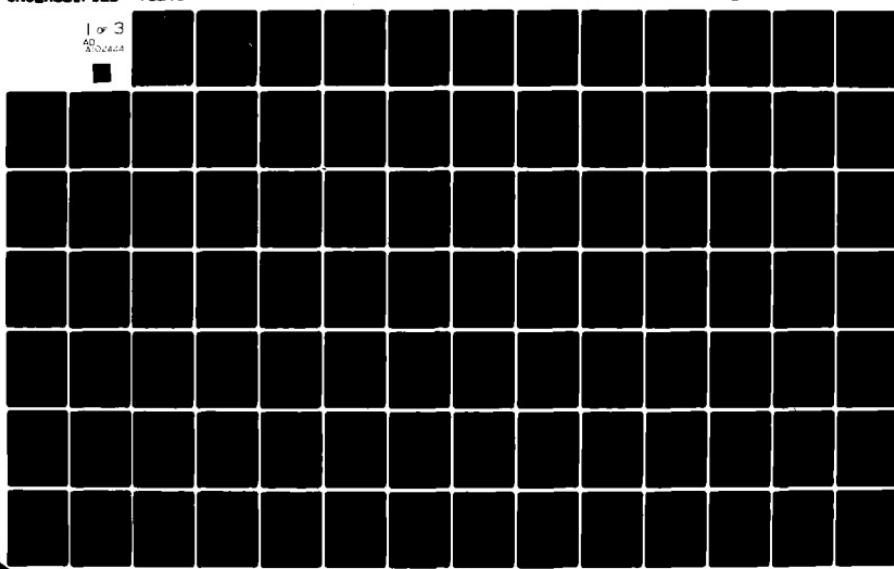
NL

UNCLASSIFIED

78243-630-004

F/6 12/1

1 or 3
40
A02444



GOULD →

GOULD INC., CHESAPEAKE INSTRUMENT DIVISION
6711 BAYMEADOW DRIVE, GLEN BURNIE, MD 21061

LEVEL ✓

Q 35

CONTRACT NO. N00014-78-C-0572
PROJECT NO. 78243.05
REPORT NO. 78243-630-004
DATE OF ISSUE June 5, 1981

AD A102444

TABLE OF THE
MODIFIED BESSSEL FUNCTIONS

of orders zero and one
together with the function
 $\phi(z) = 2I_1(z)/zI_0'(z)$
and its reciprocal, for
COMPLEX ARGUMENT

AUG 4 1981
C

DIG FILE COPY

DISTRIBUTION STATEMENT A

Approved for public release;
Distribution Unlimited

PREPARED BY O. Lindemann REFERENCE _____

APPROVED BY R. E. Miller NO. OF PAGES 1 OF 228

CODE IDENT NO. 54497

670-010-1077

81 7 22 0 44



GOULD INC., CHESAPEAKE INSTRUMENT DIVISION
6711 SAYMEADOW DRIVE, GLEN BURNIE, MD 21061

(1)

CONTRACT NO. N00014-78-C-0572

PROJECT NO. 78243.05

REPORT NO. 178243-630-004

DATE OF ISSUE June 5, 1981

TABLE OF THE
MODIFIED BESSEL FUNCTIONS

of orders zero and one

together with the function

$$\phi(z) = 2I_1(z)/zI_0(z)$$

and its reciprocal, for

COMPLEX ARGUMENT.



C

DISTRIBUTION STATEMENT A

Approved for public release;
Distribution Unlimited

PREPARED BY O. Lindemann | REFERENCE _____

APPROVED BY R. E. Miller NO. OF PAGES 1 OF 228

CODE IDENT NO. 54497

670-010-1077

THESE TABLES ARE INTENDED AS AN AID IN
THE CALCULATION OF AXISYMMETRIC WAVE MOTION IN
CYLINDRICAL STRUCTURES USING ELASTIC, VISCOELASTIC
AND VISCOUS MATERIALS. THEY HAVE BEEN CALCULATED
BY STRAIGHTFORWARD SUMMING OF THE POWER AND
ASYMPTOTIC SERIES. THE PROGRAMS CAN BE USED TO
PRINT MORE EXTENSIVE TABLES, SHOULD THE DEMAND
EXIST.

THIS WORK WAS SUPPORTED BY THE OFFICE OF
NAVAL RESEARCH, CODE 222, UNDER CONTRACT NUMBER
N00014-78-C-0572.

PROGRAMMING WAS CARRIED OUT BY ROBERT
SPIEGELTHAL.

NOVEMBER, 1980

| | |
|---------------------|-------------------------------------|
| Accession For | NTIS GRA&I |
| NTIC TAB | <input checked="" type="checkbox"/> |
| Unannounced | <input type="checkbox"/> |
| Justification | <i>for one year</i> |
| By | |
| Distribution/ | |
| Availability Copies | |
| Avail and/or | |
| Dist Special | |

A

0.0 DEG

PAGE 1

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|-----|------------|--------|------------|--------|
| 0.0 | 1.0000E+00 | 0.00 | 0.0000E-01 | 0.00 |
| 0.1 | 1.0025E+00 | | 5.0063E-02 | |
| 0.2 | 1.0100E+00 | | 1.0050E-01 | |
| 0.3 | 1.0226E+00 | | 1.5169E-01 | |
| 0.4 | 1.0404E+00 | | 2.0403E-01 | |
| 0.5 | 1.0635E+00 | | 2.5789E-01 | |
| 0.6 | 1.0920E+00 | | 3.1370E-01 | |
| 0.7 | 1.1263E+00 | | 3.7188E-01 | |
| 0.8 | 1.1665E+00 | | 4.3286E-01 | |
| 0.9 | 1.2130E+00 | | 4.9713E-01 | |
| 1.0 | 1.2661E+00 | 0.00 | 5.6516E-01 | 0.00 |
| 1.1 | 1.3262E+00 | | 6.3749E-01 | |
| 1.2 | 1.3937E+00 | | 7.1468E-01 | |
| 1.3 | 1.4693E+00 | | 7.9733E-01 | |
| 1.4 | 1.5534E+00 | | 8.8609E-01 | |
| 1.5 | 1.6467E+00 | | 9.8167E-01 | |
| 1.6 | 1.7500E+00 | | 1.0848E+00 | |
| 1.7 | 1.8640E+00 | | 1.1963E+00 | |
| 1.8 | 1.9896E+00 | | 1.3172E+00 | |
| 1.9 | 2.1277E+00 | | 1.4482E+00 | |
| 2.0 | 2.2796E+00 | 0.00 | 1.5906E+00 | 0.00 |
| 2.1 | 2.4463E+00 | | 1.7455E+00 | |
| 2.2 | 2.6291E+00 | | 1.9141E+00 | |
| 2.3 | 2.8296E+00 | | 2.0978E+00 | |
| 2.4 | 3.0493E+00 | | 2.2981E+00 | |
| 2.5 | 3.2898E+00 | | 2.5167E+00 | |
| 2.6 | 3.5533E+00 | | 2.7554E+00 | |
| 2.7 | 3.8417E+00 | | 3.0161E+00 | |
| 2.8 | 4.1573E+00 | | 3.3011E+00 | |
| 2.9 | 4.5027E+00 | | 3.6126E+00 | |
| 3.0 | 4.8808E+00 | 0.00 | 3.9534E+00 | 0.00 |
| 3.1 | 5.2945E+00 | | 4.3262E+00 | |
| 3.2 | 5.7472E+00 | | 4.7343E+00 | |
| 3.3 | 6.2426E+00 | | 5.1810E+00 | |
| 3.4 | 6.7848E+00 | | 5.6701E+00 | |
| 3.5 | 7.3782E+00 | | 6.2058E+00 | |
| 3.6 | 8.0277E+00 | | 6.7927E+00 | |
| 3.7 | 8.7386E+00 | | 7.4357E+00 | |
| 3.8 | 9.5169E+00 | | 8.1404E+00 | |
| 3.9 | 1.0369E+01 | | 8.9128E+00 | |
| 4.0 | 1.1302E+01 | 0.00 | 9.7595E+00 | 0.00 |
| 4.1 | 1.2324E+01 | | 1.0688E+01 | |
| 4.2 | 1.3442E+01 | | 1.1706E+01 | |
| 4.3 | 1.4668E+01 | | 1.2822E+01 | |
| 4.4 | 1.6010E+01 | | 1.4046E+01 | |
| 4.5 | 1.7481E+01 | | 1.5389E+01 | |
| 4.6 | 1.9093E+01 | | 1.6863E+01 | |
| 4.7 | 2.0858E+01 | | 1.8479E+01 | |
| 4.8 | 2.2794E+01 | | 2.0253E+01 | |
| 4.9 | 2.4915E+01 | | 2.2199E+01 | |
| 5.0 | 2.7240E+01 | 0.00 | 2.4336E+01 | 0.00 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|------------|--------|------------|--------|
| 5.0 | 2.7240E+01 | 0.00 | 2.4336E+01 | 0.00 |
| 5.1 | 2.9789E+01 | | 2.6680E+01 | |
| 5.2 | 3.2584E+01 | | 2.9254E+01 | |
| 5.3 | 3.5648E+01 | | 3.2080E+01 | |
| 5.4 | 3.9009E+01 | | 3.5182E+01 | |
| 5.5 | 4.2695E+01 | | 3.8588E+01 | |
| 5.6 | 4.6738E+01 | | 4.2328E+01 | |
| 5.7 | 5.1173E+01 | | 4.6435E+01 | |
| 5.8 | 5.6038E+01 | | 5.0946E+01 | |
| 5.9 | 6.1377E+01 | | 5.5900E+01 | |
| 6.0 | 6.7234E+01 | 0.00 | 6.1342E+01 | 0.00 |
| 6.1 | 7.3663E+01 | | 6.7319E+01 | |
| 6.2 | 8.0718E+01 | | 7.3886E+01 | |
| 6.3 | 8.8462E+01 | | 8.1100E+01 | |
| 6.4 | 9.6962E+01 | | 8.9026E+01 | |
| 6.5 | 1.0629E+02 | | 9.7735E+01 | |
| 6.6 | 1.1654E+02 | | 1.0730E+02 | |
| 6.7 | 1.2779E+02 | | 1.1782E+02 | |
| 6.8 | 1.4014E+02 | | 1.2938E+02 | |
| 6.9 | 1.5370E+02 | | 1.4208E+02 | |
| 7.0 | 1.6859E+02 | 0.00 | 1.5604E+02 | 0.00 |
| 7.1 | 1.8495E+02 | | 1.7138E+02 | |
| 7.2 | 2.0292E+02 | | 1.8825E+02 | |
| 7.3 | 2.2266E+02 | | 2.0679E+02 | |
| 7.4 | 2.4434E+02 | | 2.2718E+02 | |
| 7.5 | 2.6816E+02 | | 2.4958E+02 | |
| 7.6 | 2.9433E+02 | | 2.7422E+02 | |
| 7.7 | 3.2309E+02 | | 3.0131E+02 | |
| 7.8 | 3.5468E+02 | | 3.3110E+02 | |
| 7.9 | 3.8941E+02 | | 3.6385E+02 | |
| 8.0 | 4.2756E+02 | 0.00 | 3.9987E+02 | 0.00 |
| 8.1 | 4.6950E+02 | | 4.3948E+02 | |
| 8.2 | 5.1559E+02 | | 4.8305E+02 | |
| 8.3 | 5.6626E+02 | | 5.3096E+02 | |
| 8.4 | 6.2194E+02 | | 5.8366E+02 | |
| 8.5 | 6.8316E+02 | | 6.4162E+02 | |
| 8.6 | 7.5046E+02 | | 7.0538E+02 | |
| 8.7 | 8.2445E+02 | | 7.7551E+02 | |
| 8.8 | 9.0580E+02 | | 8.5266E+02 | |
| 8.9 | 9.9524E+02 | | 9.3754E+02 | |
| 9.0 | 1.0936E+03 | 0.00 | 1.0309E+03 | 0.00 |
| 9.1 | 1.2017E+03 | | 1.1336E+03 | |
| 9.2 | 1.3207E+03 | | 1.2467E+03 | |
| 9.3 | 1.4514E+03 | | 1.3710E+03 | |
| 9.4 | 1.5953E+03 | | 1.5079E+03 | |
| 9.5 | 1.7535E+03 | | 1.6585E+03 | |
| 9.6 | 1.9275E+03 | | 1.8241E+03 | |
| 9.7 | 2.1189E+03 | | 2.0065E+03 | |
| 9.8 | 2.3294E+03 | | 2.2071E+03 | |
| 9.9 | 2.5610E+03 | | 2.4280E+03 | |
| 10.0 | 2.8157E+03 | 0.00 | 2.6710E+03 | 0.00 |

0.0 DEG

PAGE 3

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|------------|--------|------------|--------|
| 10.0 | 2.8157E+03 | 0.00 | 2.6710E+03 | 0.00 |
| 10.1 | 3.0960E+03 | | 2.9385E+03 | |
| 10.2 | 3.4043E+03 | | 3.2329E+03 | |
| 10.3 | 3.7435E+03 | | 3.5569E+03 | |
| 10.4 | 4.1168E+03 | | 3.9135E+03 | |
| 10.5 | 4.5274E+03 | | 4.3061E+03 | |
| 10.6 | 4.9793E+03 | | 4.7383E+03 | |
| 10.7 | 5.4765E+03 | | 5.2140E+03 | |
| 10.8 | 6.0237E+03 | | 5.7377E+03 | |
| 10.9 | 6.6258E+03 | | 6.3142E+03 | |
| 11.0 | 7.2885E+03 | 0.00 | 6.9489E+03 | 0.00 |
| 11.1 | 8.0178E+03 | | 7.6476E+03 | |
| 11.2 | 8.8204E+03 | | 8.4169E+03 | |
| 11.3 | 9.7037E+03 | | 9.2639E+03 | |
| 11.4 | 1.0676E+04 | | 1.0196E+04 | |
| 11.5 | 1.1746E+04 | | 1.1223E+04 | |
| 11.6 | 1.2924E+04 | | 1.2354E+04 | |
| 11.7 | 1.4221E+04 | | 1.3599E+04 | |
| 11.8 | 1.5648E+04 | | 1.4970E+04 | |
| 11.9 | 1.7219E+04 | | 1.6479E+04 | |
| 12.0 | 1.8949E+04 | 0.00 | 1.8141E+04 | 0.00 |
| 12.1 | 2.0853E+04 | | 1.9972E+04 | |
| 12.2 | 2.2949E+04 | | 2.1988E+04 | |
| 12.3 | 2.5257E+04 | | 2.4208E+04 | |
| 12.4 | 2.7799E+04 | | 2.6653E+04 | |
| 12.5 | 3.0596E+04 | | 2.9346E+04 | |
| 12.6 | 3.3677E+04 | | 3.2312E+04 | |
| 12.7 | 3.7069E+04 | | 3.5578E+04 | |
| 12.8 | 4.0803E+04 | | 3.9176E+04 | |
| 12.9 | 4.4916E+04 | | 4.3138E+04 | |
| 13.0 | 4.9444E+04 | 0.00 | 4.7503E+04 | 0.00 |
| 13.1 | 5.4431E+04 | | 5.2311E+04 | |
| 13.2 | 5.9923E+04 | | 5.7606E+04 | |
| 13.3 | 6.5971E+04 | | 6.3440E+04 | |
| 13.4 | 7.2631E+04 | | 6.9866E+04 | |
| 13.5 | 7.9965E+04 | | 7.6944E+04 | |
| 13.6 | 8.8043E+04 | | 8.4742E+04 | |
| 13.7 | 9.6940E+04 | | 9.3332E+04 | |
| 13.8 | 1.0674E+05 | | 1.0280E+05 | |
| 13.9 | 1.1753E+05 | | 1.1322E+05 | |
| 14.0 | 1.2942E+05 | 0.00 | 1.2471E+05 | 0.00 |
| 14.1 | 1.4251E+05 | | 1.3736E+05 | |
| 14.2 | 1.5693E+05 | | 1.5130E+05 | |
| 14.3 | 1.7282E+05 | | 1.6666E+05 | |
| 14.4 | 1.9032E+05 | | 1.8359E+05 | |
| 14.5 | 2.0959E+05 | | 2.0223E+05 | |
| 14.6 | 2.3083E+05 | | 2.2278E+05 | |
| 14.7 | 2.5422E+05 | | 2.4541E+05 | |
| 14.8 | 2.7999E+05 | | 2.7036E+05 | |
| 14.9 | 3.0838E+05 | | 2.9784E+05 | |
| 15.0 | 3.3965E+05 | 0.00 | 3.2812E+05 | 0.00 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|------------|--------|------------|--------|
| 15.0 | 3.3965E+05 | 0.00 | 3.2812E+05 | 0.00 |
| 15.1 | 3.7410E+05 | | 3.6150E+05 | |
| 15.2 | 4.1206E+05 | | 3.9827E+05 | |
| 15.3 | 4.5388E+05 | | 4.3879E+05 | |
| 15.4 | 4.9996E+05 | | 4.8344E+05 | |
| 15.5 | 5.5072E+05 | | 5.3265E+05 | |
| 15.6 | 6.0665E+05 | | 5.8688E+05 | |
| 15.7 | 6.6828E+05 | | 6.4664E+05 | |
| 15.8 | 7.3619E+05 | | 7.1249E+05 | |
| 15.9 | 8.1100E+05 | | 7.8507E+05 | |
| 16.0 | 8.9345E+05 | 0.00 | 8.6506E+05 | 0.00 |
| 16.1 | 9.8429E+05 | | 9.5321E+05 | |
| 16.2 | 1.0844E+06 | | 1.0504E+06 | |
| 16.3 | 1.1947E+06 | | 1.1574E+06 | |
| 16.4 | 1.3162E+06 | | 1.2755E+06 | |
| 16.5 | 1.4502E+06 | | 1.4055E+06 | |
| 16.6 | 1.5978E+06 | | 1.5489E+06 | |
| 16.7 | 1.7605E+06 | | 1.7069E+06 | |
| 16.8 | 1.9397E+06 | | 1.8811E+06 | |
| 16.9 | 2.1373E+06 | | 2.0730E+06 | |
| 17.0 | 2.3550E+06 | 0.00 | 2.2846E+06 | 0.00 |
| 17.1 | 2.5949E+06 | | 2.5179E+06 | |
| 17.2 | 2.8593E+06 | | 2.7749E+06 | |
| 17.3 | 3.1508E+06 | | 3.0583E+06 | |
| 17.4 | 3.4720E+06 | | 3.3707E+06 | |
| 17.5 | 3.8260E+06 | | 3.7150E+06 | |
| 17.6 | 4.2161E+06 | | 4.0946E+06 | |
| 17.7 | 4.6462E+06 | | 4.5130E+06 | |
| 17.8 | 5.1201E+06 | | 4.9742E+06 | |
| 17.9 | 5.6426E+06 | | 5.4826E+06 | |
| 18.0 | 6.2184E+06 | 0.00 | 6.0431E+06 | 0.00 |
| 18.1 | 6.8531E+06 | | 6.6610E+06 | |
| 18.2 | 7.5527E+06 | | 7.3422E+06 | |
| 18.3 | 8.3239E+06 | | 8.0932E+06 | |
| 18.4 | 9.1739E+06 | | 8.9210E+06 | |
| 18.5 | 1.0111E+07 | | 9.8337E+06 | |
| 18.6 | 1.1144E+07 | | 1.0840E+07 | |
| 18.7 | 1.2282E+07 | | 1.1949E+07 | |
| 18.8 | 1.3537E+07 | | 1.3172E+07 | |
| 18.9 | 1.4921E+07 | | 1.4521E+07 | |
| 19.0 | 1.6446E+07 | 0.00 | 1.6007E+07 | 0.00 |
| 19.1 | 1.8128E+07 | | 1.7646E+07 | |
| 19.2 | 1.9981E+07 | | 1.9454E+07 | |
| 19.3 | 2.2024E+07 | | 2.1446E+07 | |
| 19.4 | 2.4277E+07 | | 2.3643E+07 | |
| 19.5 | 2.6761E+07 | | 2.6065E+07 | |
| 19.6 | 2.9498E+07 | | 2.8736E+07 | |
| 19.7 | 3.2517E+07 | | 3.1680E+07 | |
| 19.8 | 3.5845E+07 | | 3.4927E+07 | |
| 19.9 | 3.9513E+07 | | 3.8507E+07 | |
| 20.0 | 4.3558E+07 | 0.00 | 4.2455E+07 | 0.00 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|-----|------------|------------|------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 0.0000E-01 | 0.0000E-01 |
| 0.1 | 1.0025E+00 | 4.3466E-04 | 4.9870E-02 | 4.3740E-03 |
| 0.2 | 1.0099E+00 | 1.7450E-03 | 1.0010E-01 | 8.8453E-03 |
| 0.3 | 1.0223E+00 | 3.9505E-03 | 1.5106E-01 | 1.3513E-02 |
| 0.4 | 1.0398E+00 | 7.0836E-03 | 2.0313E-01 | 1.8478E-02 |
| 0.5 | 1.0625E+00 | 1.1190E-02 | 2.5667E-01 | 2.3846E-02 |
| 0.6 | 1.0906E+00 | 1.6331E-02 | 3.1208E-01 | 2.9727E-02 |
| 0.7 | 1.1242E+00 | 2.2581E-02 | 3.6978E-01 | 3.6240E-02 |
| 0.8 | 1.1637E+00 | 3.0030E-02 | 4.3017E-01 | 4.3512E-02 |
| 0.9 | 1.2093E+00 | 3.8787E-02 | 4.9371E-01 | 5.1677E-02 |
| 1.0 | 1.2613E+00 | 4.8978E-02 | 5.6087E-01 | 6.0886E-02 |
| 1.1 | 1.3201E+00 | 6.0747E-02 | 6.3215E-01 | 7.1300E-02 |
| 1.2 | 1.3861E+00 | 7.4262E-02 | 7.0807E-01 | 8.3098E-02 |
| 1.3 | 1.4599E+00 | 8.9713E-02 | 7.8921E-01 | 9.6477E-02 |
| 1.4 | 1.5419E+00 | 1.0732E-01 | 8.7616E-01 | 1.1165E-01 |
| 1.5 | 1.6327E+00 | 1.2732E-01 | 9.6960E-01 | 1.2887E-01 |
| 1.6 | 1.7330E+00 | 1.4999E-01 | 1.0702E+00 | 1.4839E-01 |
| 1.7 | 1.8436E+00 | 1.7565E-01 | 1.1788E+00 | 1.7052E-01 |
| 1.8 | 1.9652E+00 | 2.0464E-01 | 1.2961E+00 | 1.9558E-01 |
| 1.9 | 2.0987E+00 | 2.3734E-01 | 1.4230E+00 | 2.2394E-01 |
| 2.0 | 2.2452E+00 | 2.7421E-01 | 1.5606E+00 | 2.5602E-01 |
| 2.1 | 2.4056E+00 | 3.1573E-01 | 1.7099E+00 | 2.9227E-01 |
| 2.2 | 2.5812E+00 | 3.6244E-01 | 1.8720E+00 | 3.3320E-01 |
| 2.3 | 2.7732E+00 | 4.1496E-01 | 2.0481E+00 | 3.7939E-01 |
| 2.4 | 2.9831E+00 | 4.7397E-01 | 2.2396E+00 | 4.3145E-01 |
| 2.5 | 3.2124E+00 | 5.4023E-01 | 2.4481E+00 | 4.9011E-01 |
| 2.6 | 3.4629E+00 | 6.1459E-01 | 2.6750E+00 | 5.5615E-01 |
| 2.7 | 3.7363E+00 | 6.9800E-01 | 2.9221E+00 | 6.3045E-01 |
| 2.8 | 4.0348E+00 | 7.9151E-01 | 3.1914E+00 | 7.1399E-01 |
| 2.9 | 4.3605E+00 | 8.9630E-01 | 3.4850E+00 | 8.0787E-01 |
| 3.0 | 4.7159E+00 | 1.0137E+00 | 3.8050E+00 | 9.1329E-01 |
| 3.1 | 5.1036E+00 | 1.1451E+00 | 4.1541E+00 | 1.0316E+00 |
| 3.2 | 5.5266E+00 | 1.2922E+00 | 4.5349E+00 | 1.1644E+00 |
| 3.3 | 5.9880E+00 | 1.4568E+00 | 4.9503E+00 | 1.3132E+00 |
| 3.4 | 6.4912E+00 | 1.6408E+00 | 5.4036E+00 | 1.4801E+00 |
| 3.5 | 7.0401E+00 | 1.8466E+00 | 5.8984E+00 | 1.6670E+00 |
| 3.6 | 7.6388E+00 | 2.0767E+00 | 6.4384E+00 | 1.8763E+00 |
| 3.7 | 8.2917E+00 | 2.3337E+00 | 7.0279E+00 | 2.1106E+00 |
| 3.8 | 9.0039E+00 | 2.6208E+00 | 7.6715E+00 | 2.3727E+00 |
| 3.9 | 9.7807E+00 | 2.9413E+00 | 8.3741E+00 | 2.6659E+00 |
| 4.0 | 1.0628E+01 | 3.2992E+00 | 9.1413E+00 | 2.9938E+00 |
| 4.1 | 1.1552E+01 | 3.6986E+00 | 9.9791E+00 | 3.3602E+00 |
| 4.2 | 1.2560E+01 | 4.1443E+00 | 1.0894E+01 | 3.7697E+00 |
| 4.3 | 1.3660E+01 | 4.6414E+00 | 1.1893E+01 | 4.2271E+00 |
| 4.4 | 1.4859E+01 | 5.1958E+00 | 1.2984E+01 | 4.7378E+00 |
| 4.5 | 1.6167E+01 | 5.8140E+00 | 1.4176E+01 | 5.3081E+00 |
| 4.6 | 1.7594E+01 | 6.5030E+00 | 1.5477E+01 | 5.9445E+00 |
| 4.7 | 1.9151E+01 | 7.2709E+00 | 1.6898E+01 | 6.6546E+00 |
| 4.8 | 2.0849E+01 | 8.1265E+00 | 1.8451E+01 | 7.4467E+00 |
| 4.9 | 2.2702E+01 | 9.0797E+00 | 2.0146E+01 | 8.3301E+00 |
| 5.0 | 2.4723E+01 | 1.0141E+01 | 2.1998E+01 | 9.3150E+00 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|------------|------------|------------|------------|
| 5.0 | 2.4723E+01 | 1.0141E+01 | 2.1998E+01 | 9.3150E+00 |
| 5.1 | 2.6927E+01 | 1.1323E+01 | 2.4020E+01 | 1.0413E+01 |
| 5.2 | 2.9333E+01 | 1.2639E+01 | 2.6229E+01 | 1.1637E+01 |
| 5.3 | 3.1957E+01 | 1.4104E+01 | 2.8641E+01 | 1.3000E+01 |
| 5.4 | 3.4819E+01 | 1.5734E+01 | 3.1276E+01 | 1.4519E+01 |
| 5.5 | 3.7943E+01 | 1.7548E+01 | 3.4153E+01 | 1.6210E+01 |
| 5.6 | 4.1350E+01 | 1.9567E+01 | 3.7295E+01 | 1.8094E+01 |
| 5.7 | 4.5067E+01 | 2.1811E+01 | 4.0727E+01 | 2.0191E+01 |
| 5.8 | 4.9122E+01 | 2.4308E+01 | 4.4474E+01 | 2.2525E+01 |
| 5.9 | 5.3546E+01 | 2.7084E+01 | 4.8567E+01 | 2.5123E+01 |
| 6.0 | 5.8372E+01 | 3.0171E+01 | 5.3035E+01 | 2.8013E+01 |
| 6.1 | 6.3637E+01 | 3.3602E+01 | 5.7915E+01 | 3.1229E+01 |
| 6.2 | 6.9381E+01 | 3.7416E+01 | 6.3243E+01 | 3.4806E+01 |
| 6.3 | 7.5646E+01 | 4.1654E+01 | 6.9060E+01 | 3.8784E+01 |
| 6.4 | 8.2480E+01 | 4.6363E+01 | 7.5412E+01 | 4.3208E+01 |
| 6.5 | 8.9936E+01 | 5.1595E+01 | 8.2346E+01 | 4.8126E+01 |
| 6.6 | 9.8068E+01 | 5.7407E+01 | 8.9916E+01 | 5.3594E+01 |
| 6.7 | 1.0694E+02 | 6.3863E+01 | 9.8179E+01 | 5.9670E+01 |
| 6.8 | 1.1661E+02 | 7.1032E+01 | 1.0720E+02 | 6.6424E+01 |
| 6.9 | 1.2716E+02 | 7.8993E+01 | 1.1705E+02 | 7.3928E+01 |
| 7.0 | 1.3867E+02 | 8.7832E+01 | 1.2779E+02 | 8.2265E+01 |
| 7.1 | 1.5122E+02 | 9.7644E+01 | 1.3952E+02 | 9.1526E+01 |
| 7.2 | 1.6491E+02 | 1.0854E+02 | 1.5232E+02 | 1.0181E+02 |
| 7.3 | 1.7983E+02 | 1.2063E+02 | 1.6629E+02 | 1.1324E+02 |
| 7.4 | 1.9610E+02 | 1.3404E+02 | 1.8153E+02 | 1.2592E+02 |
| 7.5 | 2.1384E+02 | 1.4893E+02 | 1.9816E+02 | 1.4001E+02 |
| 7.6 | 2.3319E+02 | 1.6545E+02 | 2.1630E+02 | 1.5564E+02 |
| 7.7 | 2.5427E+02 | 1.8377E+02 | 2.3609E+02 | 1.7300E+02 |
| 7.8 | 2.7726E+02 | 2.0410E+02 | 2.5767E+02 | 1.9226E+02 |
| 7.9 | 3.0232E+02 | 2.2664E+02 | 2.8122E+02 | 2.1364E+02 |
| 8.0 | 3.2963E+02 | 2.5165E+02 | 3.0690E+02 | 2.3736E+02 |
| 8.1 | 3.5940E+02 | 2.7938E+02 | 3.3490E+02 | 2.6368E+02 |
| 8.2 | 3.9184E+02 | 3.1012E+02 | 3.6544E+02 | 2.9287E+02 |
| 8.3 | 4.2719E+02 | 3.4421E+02 | 3.9873E+02 | 3.2526E+02 |
| 8.4 | 4.6570E+02 | 3.8201E+02 | 4.3503E+02 | 3.6118E+02 |
| 8.5 | 5.0766E+02 | 4.2390E+02 | 4.7459E+02 | 4.0102E+02 |
| 8.6 | 5.5337E+02 | 4.7033E+02 | 5.1772E+02 | 4.4520E+02 |
| 8.7 | 6.0317E+02 | 5.2179E+02 | 5.6472E+02 | 4.9419E+02 |
| 8.8 | 6.5740E+02 | 5.7883E+02 | 6.1593E+02 | 5.4850E+02 |
| 8.9 | 7.1646E+02 | 6.4202E+02 | 6.7174E+02 | 6.0871E+02 |
| 9.0 | 7.8077E+02 | 7.1204E+02 | 7.3253E+02 | 6.7545E+02 |
| 9.1 | 8.5079E+02 | 7.8962E+02 | 7.9876E+02 | 7.4942E+02 |
| 9.2 | 9.2702E+02 | 8.7556E+02 | 8.7089E+02 | 8.3140E+02 |
| 9.3 | 1.0100E+03 | 9.7076E+02 | 9.4944E+02 | 9.2225E+02 |
| 9.4 | 1.1003E+03 | 1.0762E+03 | 1.0350E+03 | 1.0229E+03 |
| 9.5 | 1.1986E+03 | 1.1930E+03 | 1.1281E+03 | 1.1345E+03 |
| 9.6 | 1.3055E+03 | 1.3223E+03 | 1.2295E+03 | 1.2580E+03 |
| 9.7 | 1.4219E+03 | 1.4655E+03 | 1.3398E+03 | 1.3949E+03 |
| 9.8 | 1.5484E+03 | 1.6241E+03 | 1.4599E+03 | 1.5465E+03 |
| 9.9 | 1.6861E+03 | 1.7997E+03 | 1.5905E+03 | 1.7145E+03 |
| 10.0 | 1.8358E+03 | 1.9941E+03 | 1.7326E+03 | 1.9005E+03 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|------------|-------------|------------|------------|
| 10.0 | 1.8358E+03 | 1.9941E+03 | 1.7326E+03 | 1.9005E+03 |
| 10.1 | 1.9985E+03 | 2.2092E+03 | 1.8872E+03 | 2.1064E+03 |
| 10.2 | 2.1754E+03 | 2.4474E+03 | 2.0553E+03 | 2.3345E+03 |
| 10.3 | 2.3677E+03 | 2.7110E+03 | 2.2381E+03 | 2.5870E+03 |
| 10.4 | 2.5767E+03 | 3.0028E+03 | 2.4367E+03 | 2.8666E+03 |
| 10.5 | 2.8038E+03 | 3.3257E+03 | 2.6527E+03 | 3.1761E+03 |
| 10.6 | 3.0504E+03 | 3.6830E+03 | 2.8874E+03 | 3.5187E+03 |
| 10.7 | 3.3183E+03 | 4.0784E+03 | 3.1423E+03 | 3.8979E+03 |
| 10.8 | 3.6091E+03 | 4.5158E+03 | 3.4193E+03 | 4.3176E+03 |
| 10.9 | 3.9249E+03 | 4.9998E+03 | 3.7200E+03 | 4.7821E+03 |
| 11.0 | 4.2677E+03 | 5.5351E+03 | 4.0465E+03 | 5.2961E+03 |
| 11.1 | 4.6396E+03 | 6.1274E+03 | 4.4010E+03 | 5.8648E+03 |
| 11.2 | 5.0431E+03 | 6.7825E+03 | 4.7856E+03 | 6.4941E+03 |
| 11.3 | 5.4808E+03 | 7.5070E+03 | 5.2029E+03 | 7.1904E+03 |
| 11.4 | 5.9553E+03 | 8.3083E+03 | 5.6556E+03 | 7.9606E+03 |
| 11.5 | 6.4698E+03 | 9.1945E+03 | 6.1464E+03 | 8.8126E+03 |
| 11.6 | 7.0274E+03 | 1.0174E+04 | 6.6785E+03 | 9.7550E+03 |
| 11.7 | 7.6316E+03 | 1.1258E+04 | 7.2552E+03 | 1.0797E+04 |
| 11.8 | 8.2860E+03 | 1.2456E+04 | 7.8800E+03 | 1.1950E+04 |
| 11.9 | 8.9946E+03 | 1.3780E+04 | 8.5567E+03 | 1.3225E+04 |
| 12.0 | 9.7618E+03 | 1.5245E+04 | 9.2894E+03 | 1.4635E+04 |
| 12.1 | 1.0592E+04 | 1.6863E+04 | 1.0083E+04 | 1.6194E+04 |
| 12.2 | 1.1490E+04 | 1.8652E+04 | 1.0941E+04 | 1.7917E+04 |
| 12.3 | 1.2461E+04 | 2.0630E+04 | 1.1869E+04 | 1.9822E+04 |
| 12.4 | 1.3511E+04 | 2.2816E+04 | 1.2873E+04 | 2.1929E+04 |
| 12.5 | 1.4646E+04 | 2.5231E+04 | 1.3958E+04 | 2.4257E+04 |
| 12.6 | 1.5871E+04 | 2.7900E+04 | 1.5130E+04 | 2.6831E+04 |
| 12.7 | 1.7195E+04 | 3.0850E+04 | 1.6396E+04 | 2.9676E+04 |
| 12.8 | 1.8623E+04 | 3.4109E+04 | 1.7762E+04 | 3.2820E+04 |
| 12.9 | 2.0164E+04 | -3.7710E+04 | 1.9237E+04 | 3.6295E+04 |
| 13.0 | 2.1826E+04 | 4.1688E+04 | 2.0827E+04 | 4.0134E+04 |
| 13.1 | 2.3617E+04 | 4.6083E+04 | 2.2541E+04 | 4.4377E+04 |
| 13.2 | 2.5547E+04 | 5.0938E+04 | 2.4388E+04 | 4.9064E+04 |
| 13.3 | 2.7624E+04 | 5.6300E+04 | 2.6377E+04 | 5.4244E+04 |
| 13.4 | 2.9860E+04 | 6.2223E+04 | 2.8517E+04 | 5.9965E+04 |
| 13.5 | 3.2264E+04 | 6.8765E+04 | 3.0819E+04 | 6.6286E+04 |
| 13.6 | 3.4849E+04 | 7.5990E+04 | 3.3294E+04 | 7.3268E+04 |
| 13.7 | 3.7624E+04 | 8.3968E+04 | 3.5952E+04 | 8.0980E+04 |
| 13.8 | 4.0604E+04 | 9.2778E+04 | 3.8805E+04 | 8.9498E+04 |
| 13.9 | 4.3800E+04 | 1.0251E+05 | 4.1866E+04 | 9.8905E+04 |
| 14.0 | 4.7226E+04 | 1.1325E+05 | 4.5147E+04 | 1.0929E+05 |
| 14.1 | 5.0895E+04 | 1.2511E+05 | 4.8661E+04 | 1.2077E+05 |
| 14.2 | 5.4821E+04 | 1.3820E+05 | 5.2421E+04 | 1.3343E+05 |
| 14.3 | 5.9018E+04 | 1.5265E+05 | 5.6441E+04 | 1.4742E+05 |
| 14.4 | 6.3501E+04 | 1.6860E+05 | 6.0734E+04 | 1.6286E+05 |
| 14.5 | 6.8285E+04 | 1.8621E+05 | 6.5315E+04 | 1.7991E+05 |
| 14.6 | 7.3383E+04 | 2.0564E+05 | 7.0197E+04 | 1.9873E+05 |
| 14.7 | 7.8811E+04 | 2.2709E+05 | 7.5394E+04 | 2.1950E+05 |
| 14.8 | 8.4583E+04 | 2.5076E+05 | 8.0919E+04 | 2.4243E+05 |
| 14.9 | 9.0712E+04 | 2.7689E+05 | 8.6785E+04 | 2.6774E+05 |
| 15.0 | 9.7211E+04 | 3.0571E+05 | 9.3005E+04 | 2.9567E+05 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|------------|-------------|------------|
| 15.0 | 9.7211E+04 | 3.0571E+05 | 9.3005E+04 | 2.9567E+05 |
| 15.1 | 1.0409E+05 | 3.3751E+05 | 9.9588E+04 | 3.2650E+05 |
| 15.2 | 1.1136E+05 | 3.7260E+05 | 1.0654E+05 | 3.6051E+05 |
| 15.3 | 1.1904E+05 | 4.1132E+05 | 1.1388E+05 | 3.9805E+05 |
| 15.4 | 1.2712E+05 | 4.5402E+05 | 1.2160E+05 | 4.3946E+05 |
| 15.5 | 1.3561E+05 | 5.0114E+05 | 1.2972E+05 | 4.8515E+05 |
| 15.6 | 1.4450E+05 | 5.5311E+05 | 1.3821E+05 | 5.3556E+05 |
| 15.7 | 1.5381E+05 | 6.1042E+05 | 1.4709E+05 | 5.9117E+05 |
| 15.8 | 1.6350E+05 | 6.7365E+05 | 1.5634E+05 | 6.5252E+05 |
| 15.9 | 1.7357E+05 | 7.4337E+05 | 1.6594E+05 | 7.2019E+05 |
| 16.0 | 1.8400E+05 | 8.2026E+05 | 1.7587E+05 | 7.9482E+05 |
| 16.1 | 1.9475E+05 | 9.0505E+05 | 1.8609E+05 | 8.7714E+05 |
| 16.2 | 2.0577E+05 | 9.9854E+05 | 1.9656E+05 | 9.6792E+05 |
| 16.3 | 2.1702E+05 | 1.1016E+06 | 2.0723E+05 | 1.0680E+06 |
| 16.4 | 2.2842E+05 | 1.2153E+06 | 2.1803E+05 | 1.1784E+06 |
| 16.5 | 2.3988E+05 | 1.3406E+06 | 2.2887E+05 | 1.3001E+06 |
| 16.6 | 2.5131E+05 | 1.4787E+06 | 2.3964E+05 | 1.4343E+06 |
| 16.7 | 2.6258E+05 | 1.6310E+06 | 2.5023E+05 | 1.5823E+06 |
| 16.8 | 2.7353E+05 | 1.7988E+06 | 2.6048E+05 | 1.7454E+06 |
| 16.9 | 2.8399E+05 | 1.9839E+06 | 2.7021E+05 | 1.9252E+06 |
| 17.0 | 2.9373E+05 | 2.1877E+06 | 2.7920E+05 | 2.1234E+06 |
| 17.1 | 3.0251E+05 | 2.4125E+06 | 2.8722E+05 | 2.3419E+06 |
| 17.2 | 3.1003E+05 | 2.6601E+06 | 2.9396E+05 | 2.5827E+06 |
| 17.3 | 3.1594E+05 | 2.9330E+06 | 2.9908E+05 | 2.8481E+06 |
| 17.4 | 3.1983E+05 | 3.2336E+06 | 3.0218E+05 | 3.1405E+06 |
| 17.5 | 3.2123E+05 | 3.5649E+06 | 3.0280E+05 | 3.4628E+06 |
| 17.6 | 3.1960E+05 | 3.9299E+06 | 3.0039E+05 | 3.8179E+06 |
| 17.7 | 3.1430E+05 | 4.3320E+06 | 2.9433E+05 | 4.2091E+06 |
| 17.8 | 3.0461E+05 | 4.7750E+06 | 2.8391E+05 | 4.6402E+06 |
| 17.9 | 2.8969E+05 | 5.2629E+06 | 2.6830E+05 | 5.1150E+06 |
| 18.0 | 2.6856E+05 | 5.8004E+06 | 2.4656E+05 | 5.6382E+06 |
| 18.1 | 2.4014E+05 | 6.3923E+06 | 2.1758E+05 | 6.2144E+06 |
| 18.2 | 2.0314E+05 | 7.0442E+06 | 1.8013E+05 | 6.8492E+06 |
| 18.3 | 1.5612E+05 | 7.7622E+06 | 1.3278E+05 | 7.5482E+06 |
| 18.4 | 9.7430E+04 | 8.5528E+06 | 7.3900E+04 | 8.3182E+06 |
| 18.5 | 2.5178E+04 | 9.4233E+06 | 1.6416E+03 | 9.1661E+06 |
| 18.6 | -6.2782E+04 | 1.0382E+07 | -8.6111E+04 | 1.0100E+07 |
| 18.7 | -1.6890E+05 | 1.1437E+07 | -1.9176E+05 | 1.1128E+07 |
| 18.8 | -2.9594E+05 | 1.2599E+07 | -3.1804E+05 | 1.2260E+07 |
| 18.9 | -4.4708E+05 | 1.3878E+07 | -4.6806E+05 | 1.3506E+07 |
| 19.0 | -6.2590E+05 | 1.5286E+07 | -6.4532E+05 | 1.4878E+07 |
| 19.1 | -8.3644E+05 | 1.6836E+07 | -8.5383E+05 | 1.6389E+07 |
| 19.2 | -1.0833E+06 | 1.8541E+07 | -1.0981E+06 | 1.8051E+07 |
| 19.3 | -1.3717E+06 | 2.0418E+07 | -1.3832E+06 | 1.9881E+07 |
| 19.4 | -1.7075E+06 | 2.2484E+07 | -1.7150E+06 | 2.1895E+07 |
| 19.5 | -2.0974E+06 | 2.4757E+07 | -2.1000E+06 | 2.4112E+07 |
| 19.6 | -2.5489E+06 | 2.7259E+07 | -2.5455E+06 | 2.6551E+07 |
| 19.7 | -3.0704E+06 | 3.0011E+07 | -3.0600E+06 | 2.9235E+07 |
| 19.8 | -3.6715E+06 | 3.3039E+07 | -3.6527E+06 | 3.2188E+07 |
| 19.9 | -4.3630E+06 | 3.6370E+07 | -4.3342E+06 | 3.5438E+07 |
| 20.0 | -5.1571E+06 | 4.0034E+07 | -5.1166E+06 | 3.9013E+07 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|-----|------------|------------|------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 0.0000E-01 | 0.0000E-01 |
| 0.1 | 1.0024E+00 | 8.5606E-04 | 4.9295E-02 | 8.7137E-03 |
| 0.2 | 1.0094E+00 | 3.4363E-03 | 9.8914E-02 | 1.7615E-02 |
| 0.3 | 1.0212E+00 | 7.7771E-03 | 1.4919E-01 | 2.6896E-02 |
| 0.4 | 1.0379E+00 | 1.3939E-02 | 2.0044E-01 | 3.6750E-02 |
| 0.5 | 1.0595E+00 | 2.2010E-02 | 2.5302E-01 | 4.7381E-02 |
| 0.6 | 1.0861E+00 | 3.2101E-02 | 3.0726E-01 | 5.9001E-02 |
| 0.7 | 1.1180E+00 | 4.4354E-02 | 3.6353E-01 | 7.1835E-02 |
| 0.8 | 1.1553E+00 | 5.8937E-02 | 4.2219E-01 | 8.6124E-02 |
| 0.9 | 1.1983E+00 | 7.6051E-02 | 4.8362E-01 | 1.0213E-01 |
| 1.0 | 1.2471E+00 | 9.5931E-02 | 5.4822E-01 | 1.2012E-01 |
| 1.1 | 1.3022E+00 | 1.1885E-01 | 6.1642E-01 | 1.4041E-01 |
| 1.2 | 1.3638E+00 | 1.4511E-01 | 6.8865E-01 | 1.6334E-01 |
| 1.3 | 1.4323E+00 | 1.7506E-01 | 7.6537E-01 | 1.8926E-01 |
| 1.4 | 1.5081E+00 | 2.0910E-01 | 8.4709E-01 | 2.1858E-01 |
| 1.5 | 1.5917E+00 | 2.4769E-01 | 9.3431E-01 | 2.5175E-01 |
| 1.6 | 1.6835E+00 | 2.9131E-01 | 1.0276E+00 | 2.8925E-01 |
| 1.7 | 1.7842E+00 | 3.4055E-01 | 1.1275E+00 | 3.3163E-01 |
| 1.8 | 1.8943E+00 | 3.9601E-01 | 1.2348E+00 | 3.7949E-01 |
| 1.9 | 2.0145E+00 | 4.5842E-01 | 1.3499E+00 | 4.3349E-01 |
| 2.0 | 2.1454E+00 | 5.2855E-01 | 1.4738E+00 | 4.9437E-01 |
| 2.1 | 2.2878E+00 | 6.0728E-01 | 1.6070E+00 | 5.6295E-01 |
| 2.2 | 2.4426E+00 | 6.9559E-01 | 1.7505E+00 | 6.4014E-01 |
| 2.3 | 2.6107E+00 | 7.9454E-01 | 1.9051E+00 | 7.2694E-01 |
| 2.4 | 2.7930E+00 | 9.0535E-01 | 2.0718E+00 | 8.2448E-01 |
| 2.5 | 2.9905E+00 | 1.0294E+00 | 2.2515E+00 | 9.3399E-01 |
| 2.6 | 3.2044E+00 | 1.1680E+00 | 2.4453E+00 | 1.0568E+00 |
| 2.7 | 3.4358E+00 | 1.3230E+00 | 2.6543E+00 | 1.1946E+00 |
| 2.8 | 3.6861E+00 | 1.4961E+00 | 2.8799E+00 | 1.3489E+00 |
| 2.9 | 3.9567E+00 | 1.6894E+00 | 3.1232E+00 | 1.5216E+00 |
| 3.0 | 4.2489E+00 | 1.9051E+00 | 3.3856E+00 | 1.7148E+00 |
| 3.1 | 4.5645E+00 | 2.1456E+00 | 3.6687E+00 | 1.9309E+00 |
| 3.2 | 4.9050E+00 | 2.4138E+00 | 3.9740E+00 | 2.1723E+00 |
| 3.3 | 5.2724E+00 | 2.7125E+00 | 4.3032E+00 | 2.4418E+00 |
| 3.4 | 5.6685E+00 | 3.0453E+00 | 4.6580E+00 | 2.7427E+00 |
| 3.5 | 6.0953E+00 | 3.4158E+00 | 5.0405E+00 | 3.0784E+00 |
| 3.6 | 6.5551E+00 | 3.8281E+00 | 5.4526E+00 | 3.4526E+00 |
| 3.7 | 7.0501E+00 | 4.2868E+00 | 5.8965E+00 | 3.8697E+00 |
| 3.8 | 7.5829E+00 | 4.7969E+00 | 6.3744E+00 | 4.3343E+00 |
| 3.9 | 8.1560E+00 | 5.3638E+00 | 6.8888E+00 | 4.8516E+00 |
| 4.0 | 8.7722E+00 | 5.9938E+00 | 7.4421E+00 | 5.4272E+00 |
| 4.1 | 9.4343E+00 | 6.6936E+00 | 8.0372E+00 | 6.0676E+00 |
| 4.2 | 1.0146E+01 | 7.4707E+00 | 8.6768E+00 | 6.7797E+00 |
| 4.3 | 1.0909E+01 | 8.3332E+00 | 9.3639E+00 | 7.5713E+00 |
| 4.4 | 1.1728E+01 | 9.2903E+00 | 1.0102E+01 | 8.4507E+00 |
| 4.5 | 1.2606E+01 | 1.0352E+01 | 1.0893E+01 | 9.4276E+00 |
| 4.6 | 1.3547E+01 | 1.1529E+01 | 1.1742E+01 | 1.0512E+01 |
| 4.7 | 1.4555E+01 | 1.2835E+01 | 1.2652E+01 | 1.1716E+01 |
| 4.8 | 1.5634E+01 | 1.4281E+01 | 1.3626E+01 | 1.3051E+01 |
| 4.9 | 1.6787E+01 | 1.5884E+01 | 1.4669E+01 | 1.4533E+01 |
| 5.0 | 1.8020E+01 | 1.7659E+01 | 1.5783E+01 | 1.6175E+01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|------------|-------------|------------|
| 5.0 | 1.8020E+01 | 1.7659E+01 | 1.5783E+01 | 1.6175E+01 |
| 5.1 | 1.9336E+01 | 1.9624E+01 | 1.6974E+01 | 1.7995E+01 |
| 5.2 | 2.0739E+01 | 2.1799E+01 | 1.8246E+01 | 2.0013E+01 |
| 5.3 | 2.2236E+01 | 2.4207E+01 | 1.9602E+01 | 2.2247E+01 |
| 5.4 | 2.3829E+01 | 2.6870E+01 | 2.1047E+01 | 2.4721E+01 |
| 5.5 | 2.5524E+01 | 2.9816E+01 | 2.2584E+01 | 2.7460E+01 |
| 5.6 | 2.7325E+01 | 3.3073E+01 | 2.4218E+01 | 3.0491E+01 |
| 5.7 | 2.9237E+01 | 3.6674E+01 | 2.5954E+01 | 3.3845E+01 |
| 5.8 | 3.1263E+01 | 4.0653E+01 | 2.7794E+01 | 3.7554E+01 |
| 5.9 | 3.3408E+01 | 4.5049E+01 | 2.9742E+01 | 4.1655E+01 |
| 6.0 | 3.5676E+01 | 4.9905E+01 | 3.1802E+01 | 4.6189E+01 |
| 6.1 | 3.8069E+01 | 5.5268E+01 | 3.3977E+01 | 5.1200E+01 |
| 6.2 | 4.0590E+01 | 6.1188E+01 | 3.6268E+01 | 5.6735E+01 |
| 6.3 | 4.3242E+01 | 6.7722E+01 | 3.8677E+01 | 6.2849E+01 |
| 6.4 | 4.6026E+01 | 7.4931E+01 | 4.1205E+01 | 6.9601E+01 |
| 6.5 | 4.8941E+01 | 8.2885E+01 | 4.3852E+01 | 7.7054E+01 |
| 6.6 | 5.1986E+01 | 9.1657E+01 | 4.6616E+01 | 8.5279E+01 |
| 6.7 | 5.5159E+01 | 1.0133E+02 | 4.9494E+01 | 9.4355E+01 |
| 6.8 | 5.8456E+01 | 1.1199E+02 | 5.2482E+01 | 1.0437E+02 |
| 6.9 | 6.1869E+01 | 1.2374E+02 | 5.5572E+01 | 1.1541E+02 |
| 7.0 | 6.5390E+01 | 1.3669E+02 | 5.8756E+01 | 1.2758E+02 |
| 7.1 | 6.9006E+01 | 1.5095E+02 | 6.2021E+01 | 1.4099E+02 |
| 7.2 | 7.2703E+01 | 1.6666E+02 | 6.5352E+01 | 1.5578E+02 |
| 7.3 | 7.6461E+01 | 1.8395E+02 | 6.8730E+01 | 1.7206E+02 |
| 7.4 | 8.0256E+01 | 2.0299E+02 | 7.2131E+01 | 1.9000E+02 |
| 7.5 | 8.4059E+01 | 2.2394E+02 | 7.5527E+01 | 2.0975E+02 |
| 7.6 | 8.7834E+01 | 2.4699E+02 | 7.8884E+01 | 2.3150E+02 |
| 7.7 | 9.1540E+01 | 2.7235E+02 | 8.2159E+01 | 2.5543E+02 |
| 7.8 | 9.5127E+01 | 3.0023E+02 | 8.5303E+01 | 2.8176E+02 |
| 7.9 | 9.8535E+01 | 3.3089E+02 | 8.8260E+01 | 3.1072E+02 |
| 8.0 | 1.0169E+02 | 3.6459E+02 | 9.0960E+01 | 3.4258E+02 |
| 8.1 | 1.0452E+02 | 4.0163E+02 | 9.3325E+01 | 3.7760E+02 |
| 8.2 | 1.0693E+02 | 4.4232E+02 | 9.5261E+01 | 4.1610E+02 |
| 8.3 | 1.0880E+02 | 4.8701E+02 | 9.6662E+01 | 4.5840E+02 |
| 8.4 | 1.1000E+02 | 5.3610E+02 | 9.7402E+01 | 5.0488E+02 |
| 8.5 | 1.1039E+02 | 5.8998E+02 | 9.7339E+01 | 5.5593E+02 |
| 8.6 | 1.0980E+02 | 6.4913E+02 | 9.6307E+01 | 6.1199E+02 |
| 8.7 | 1.0804E+02 | 7.1404E+02 | 9.4115E+01 | 6.7353E+02 |
| 8.8 | 1.0487E+02 | 7.8525E+02 | 9.0547E+01 | 7.4108E+02 |
| 8.9 | 1.0004E+02 | 8.6335E+02 | 8.5352E+01 | 8.1519E+02 |
| 9.0 | 9.3266E+01 | 9.4900E+02 | 7.8248E+01 | 8.9649E+02 |
| 9.1 | 8.4202E+01 | 1.0429E+03 | 6.8910E+01 | 9.8566E+02 |
| 9.2 | 7.2472E+01 | 1.1458E+03 | 5.6968E+01 | 1.0834E+03 |
| 9.3 | 5.7642E+01 | 1.2586E+03 | 4.2004E+01 | 1.1906E+03 |
| 9.4 | 3.9222E+01 | 1.3821E+03 | 2.3540E+01 | 1.3080E+03 |
| 9.5 | 1.6655E+01 | 1.5173E+03 | 1.0379E+00 | 1.4367E+03 |
| 9.6 | -1.0691E+01 | 1.6654E+03 | -2.6115E+01 | 1.5776E+03 |
| 9.7 | -4.3529E+01 | 1.8276E+03 | -5.8609E+01 | 1.7318E+03 |
| 9.8 | -8.2667E+01 | 2.0050E+03 | -9.7227E+01 | 1.9007E+03 |
| 9.9 | -1.2901E+02 | 2.1990E+03 | -1.4285E+02 | 2.0855E+03 |
| 10.0 | -1.8360E+02 | 2.4113E+03 | -1.9648E+02 | 2.2877E+03 |

10.0 DEG

PAGE 11

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|------------|-------------|------------|
| 10.0 | -1.8360E+02 | 2.4113E+03 | -1.9648E+02 | 2.2977E+03 |
| 10.1 | -2.4757E+02 | 2.6434E+03 | -2.5922E+02 | 2.5089E+03 |
| 10.2 | -3.2225E+02 | 2.8971E+03 | -3.3235E+02 | 2.7507E+03 |
| 10.3 | -4.0908E+02 | 3.1743E+03 | -4.1729E+02 | 3.0150E+03 |
| 10.4 | -5.0973E+02 | 3.4771E+03 | -5.1563E+02 | 3.3039E+03 |
| 10.5 | -6.2604E+02 | 3.8079E+03 | -6.2916E+02 | 3.6194E+03 |
| 10.6 | -7.6008E+02 | 4.1690E+03 | -7.5991E+02 | 3.9640E+03 |
| 10.7 | -9.1420E+02 | 4.5632E+03 | -9.1012E+02 | 4.3402E+03 |
| 10.8 | -1.0910E+03 | 4.9933E+03 | -1.0823E+03 | 4.7509E+03 |
| 10.9 | -1.2934E+03 | 5.4624E+03 | -1.2794E+03 | 5.1989E+03 |
| 11.0 | -1.5247E+03 | 5.9740E+03 | -1.5044E+03 | 5.6876E+03 |
| 11.1 | -1.7885E+03 | 6.5317E+03 | -1.7611E+03 | 6.2204E+03 |
| 11.2 | -2.0890E+03 | 7.1394E+03 | -2.0532E+03 | 6.8012E+03 |
| 11.3 | -2.4308E+03 | 7.8014E+03 | -2.3854E+03 | 7.4340E+03 |
| 11.4 | -2.8188E+03 | 8.5223E+03 | -2.7624E+03 | 8.1233E+03 |
| 11.5 | -3.2590E+03 | 9.3072E+03 | -3.1900E+03 | 8.8738E+03 |
| 11.6 | -3.7576E+03 | 1.0161E+04 | -3.6743E+03 | 9.6907E+03 |
| 11.7 | -4.3217E+03 | 1.1090E+04 | -4.2221E+03 | 1.0580E+04 |
| 11.8 | -4.9594E+03 | 1.2100E+04 | -4.8412E+03 | 1.1546E+04 |
| 11.9 | -5.6794E+03 | 1.3199E+04 | -5.5401E+03 | 1.2597E+04 |
| 12.0 | -6.4915E+03 | 1.4392E+04 | -6.3284E+03 | 1.3739E+04 |
| 12.1 | -7.4068E+03 | 1.5688E+04 | -7.2168E+03 | 1.4980E+04 |
| 12.2 | -8.4375E+03 | 1.7094E+04 | -8.2170E+03 | 1.6327E+04 |
| 12.3 | -9.5971E+03 | 1.8621E+04 | -9.3422E+03 | 1.7789E+04 |
| 12.4 | -1.0901E+04 | 2.0277E+04 | -1.0607E+04 | 1.9375E+04 |
| 12.5 | -1.2365E+04 | 2.2072E+04 | -1.2028E+04 | 2.1095E+04 |
| 12.6 | -1.4009E+04 | 2.4018E+04 | -1.3623E+04 | 2.2959E+04 |
| 12.7 | -1.5853E+04 | 2.6125E+04 | -1.5412E+04 | 2.4978E+04 |
| 12.8 | -1.7920E+04 | 2.8407E+04 | -1.7418E+04 | 2.7165E+04 |
| 12.9 | -2.0236E+04 | 3.0875E+04 | -1.9665E+04 | 2.9531E+04 |
| 13.0 | -2.2829E+04 | 3.3545E+04 | -2.2181E+04 | 3.2090E+04 |
| 13.1 | -2.5730E+04 | 3.6430E+04 | -2.4996E+04 | 3.4856E+04 |
| 13.2 | -2.8975E+04 | 3.9548E+04 | -2.8144E+04 | 3.7845E+04 |
| 13.3 | -3.2601E+04 | 4.2913E+04 | -3.1663E+04 | 4.1072E+04 |
| 13.4 | -3.6653E+04 | 4.6543E+04 | -3.5594E+04 | 4.4553E+04 |
| 13.5 | -4.1176E+04 | 5.0458E+04 | -3.9983E+04 | 4.8307E+04 |
| 13.6 | -4.6224E+04 | 5.4676E+04 | -4.4882E+04 | 5.2352E+04 |
| 13.7 | -5.1854E+04 | 5.9218E+04 | -5.0346E+04 | 5.6707E+04 |
| 13.8 | -5.8132E+04 | 6.4104E+04 | -5.6439E+04 | 6.1394E+04 |
| 13.9 | -6.5128E+04 | 6.9357E+04 | -6.3229E+04 | 6.6432E+04 |
| 14.0 | -7.2920E+04 | 7.5000E+04 | -7.0792E+04 | 7.1844E+04 |
| 14.1 | -8.1597E+04 | 8.1057E+04 | -7.9214E+04 | 7.7653E+04 |
| 14.2 | -9.1253E+04 | 8.7552E+04 | -8.8588E+04 | 8.3882E+04 |
| 14.3 | -1.0200E+05 | 9.4510E+04 | -9.9017E+04 | 9.0555E+04 |
| 14.4 | -1.1394E+05 | 1.0196E+05 | -1.1061E+05 | 9.7696E+04 |
| 14.5 | -1.2722E+05 | 1.0992E+05 | -1.2351E+05 | 1.0533E+05 |
| 14.6 | -1.4198E+05 | 1.1842E+05 | -1.3783E+05 | 1.1348E+05 |
| 14.7 | -1.5837E+05 | 1.2749E+05 | -1.5375E+05 | 1.2218E+05 |
| 14.8 | -1.7656E+05 | 1.3716E+05 | -1.7142E+05 | 1.3144E+05 |
| 14.9 | -1.9676E+05 | 1.4744E+05 | -1.9104E+05 | 1.4129E+05 |
| 15.0 | -2.1917E+05 | 1.5836E+05 | -2.1280E+05 | 1.5176E+05 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | -2.1917E+05 | 1.5836E+05 | -2.1280E+05 | 1.5176E+05 |
| 15.1 | -2.4403E+05 | 1.6994E+05 | -2.3695E+05 | 1.6285E+05 |
| 15.2 | -2.7159E+05 | 1.8221E+05 | -2.6372E+05 | 1.7460E+05 |
| 15.3 | -3.0213E+05 | 1.9518E+05 | -2.9339E+05 | 1.8702E+05 |
| 15.4 | -3.3598E+05 | 2.0886E+05 | -3.2628E+05 | 2.0011E+05 |
| 15.5 | -3.7347E+05 | 2.2326E+05 | -3.6270E+05 | 2.1389E+05 |
| 15.6 | -4.1498E+05 | 2.3839E+05 | -4.0304E+05 | 2.2836E+05 |
| 15.7 | -4.6093E+05 | 2.5424E+05 | -4.4769E+05 | 2.4350E+05 |
| 15.8 | -5.1177E+05 | 2.7080E+05 | -4.9711E+05 | 2.5931E+05 |
| 15.9 | -5.6802E+05 | 2.8804E+05 | -5.5177E+05 | 2.7577E+05 |
| 16.0 | -6.3022E+05 | 3.0594E+05 | -6.1224E+05 | 2.9284E+05 |
| 16.1 | -6.9899E+05 | 3.2444E+05 | -6.7908E+05 | 3.1046E+05 |
| 16.2 | -7.7499E+05 | 3.4348E+05 | -7.5297E+05 | 3.2858E+05 |
| 16.3 | -8.5896E+05 | 3.6298E+05 | -8.3461E+05 | 3.4711E+05 |
| 16.4 | -9.5171E+05 | 3.8282E+05 | -9.2479E+05 | 3.6595E+05 |
| 16.5 | -1.0541E+06 | 4.0289E+05 | -1.0244E+06 | 3.8495E+05 |
| 16.6 | -1.1672E+06 | 4.2301E+05 | -1.1343E+06 | 4.0396E+05 |
| 16.7 | -1.2920E+06 | 4.4299E+05 | -1.2557E+06 | 4.2279E+05 |
| 16.8 | -1.4296E+06 | 4.6259E+05 | -1.3895E+06 | 4.4120E+05 |
| 16.9 | -1.5814E+06 | 4.8152E+05 | -1.5372E+06 | 4.5890E+05 |
| 17.0 | -1.7488E+06 | 4.9946E+05 | -1.7000E+06 | 4.7557E+05 |
| 17.1 | -1.9333E+06 | 5.1601E+05 | -1.8795E+06 | 4.9080E+05 |
| 17.2 | -2.1366E+06 | 5.3069E+05 | -2.0773E+06 | 5.0415E+05 |
| 17.3 | -2.3606E+06 | 5.4297E+05 | -2.2952E+06 | 5.1507E+05 |
| 17.4 | -2.6073E+06 | 5.5220E+05 | -2.5353E+06 | 5.2293E+05 |
| 17.5 | -2.8789E+06 | 5.5765E+05 | -2.7996E+06 | 5.2701E+05 |
| 17.6 | -3.1779E+06 | 5.5846E+05 | -3.0905E+06 | 5.2646E+05 |
| 17.7 | -3.5068E+06 | 5.5366E+05 | -3.4107E+06 | 5.2031E+05 |
| 17.8 | -3.8687E+06 | 5.4209E+05 | -3.7629E+06 | 5.0744E+05 |
| 17.9 | -4.2667E+06 | 5.2245E+05 | -4.1503E+06 | 4.8656E+05 |
| 18.0 | -4.7043E+06 | 4.9325E+05 | -4.5762E+06 | 4.5620E+05 |
| 18.1 | -5.1852E+06 | 4.5276E+05 | -5.0444E+06 | 4.1466E+05 |
| 18.2 | -5.7137E+06 | 3.9903E+05 | -5.5589E+06 | 3.6003E+05 |
| 18.3 | -6.2942E+06 | 3.2982E+05 | -6.1241E+06 | 2.9009E+05 |
| 18.4 | -6.9317E+06 | 2.4258E+05 | -6.7448E+06 | 2.0234E+05 |
| 18.5 | -7.6315E+06 | 1.3440E+05 | -7.4263E+06 | 9.3920E+04 |
| 18.6 | -8.3997E+06 | 1.9940E+03 | -8.1743E+06 | -3.8399E+04 |
| 18.7 | -9.2425E+06 | -1.5838E+05 | -8.9951E+06 | -1.9830E+05 |
| 18.8 | -1.0167E+07 | -3.5096E+05 | -9.8954E+06 | -3.8993E+05 |
| 18.9 | -1.1181E+07 | -5.8054E+05 | -1.0883E+07 | -6.1803E+05 |
| 19.0 | -1.2292E+07 | -8.5256E+05 | -1.1965E+07 | -8.8792E+05 |
| 19.1 | -1.3510E+07 | -1.1731E+06 | -1.3151E+07 | -1.2056E+06 |
| 19.2 | -1.4844E+07 | -1.5492E+06 | -1.4451E+07 | -1.5780E+06 |
| 19.3 | -1.6305E+07 | -1.9886E+06 | -1.5874E+07 | -2.0126E+06 |
| 19.4 | -1.7904E+07 | -2.5000E+06 | -1.7432E+07 | -2.5181E+06 |
| 19.5 | -1.9655E+07 | -3.0934E+06 | -1.9138E+07 | -3.1042E+06 |
| 19.6 | -2.1571E+07 | -3.7800E+06 | -2.1005E+07 | -3.7820E+06 |
| 19.7 | -2.3666E+07 | -4.5723E+06 | -2.3046E+07 | -4.5637E+06 |
| 19.8 | -2.5957E+07 | -5.4843E+06 | -2.5279E+07 | -5.4630E+06 |
| 19.9 | -2.8461E+07 | -6.5318E+06 | -2.7719E+07 | -6.4956E+06 |
| 20.0 | -3.1198E+07 | -7.7325E+06 | -3.0385E+07 | -7.6788E+06 |

15.0 DEG

PAGE 13

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|-----|------------|------------|------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 0.0000E-01 | 0.0000E-01 |
| 0.1 | 1.0022E+00 | 1.2514E-03 | 4.8340E-02 | 1.2985E-02 |
| 0.2 | 1.0087E+00 | 5.0217E-03 | 9.6946E-02 | 2.6236E-02 |
| 0.3 | 1.0195E+00 | 1.1360E-02 | 1.4608E-01 | 4.0022E-02 |
| 0.4 | 1.0348E+00 | 2.0348E-02 | 1.9602E-01 | 5.4618E-02 |
| 0.5 | 1.0546E+00 | 3.2103E-02 | 2.4703E-01 | 7.0308E-02 |
| 0.6 | 1.0790E+00 | 4.6774E-02 | 2.9938E-01 | 8.7389E-02 |
| 0.7 | 1.1080E+00 | 6.4550E-02 | 3.5334E-01 | 1.0617E-01 |
| 0.8 | 1.1418E+00 | 8.5657E-02 | 4.0922E-01 | 1.2699E-01 |
| 0.9 | 1.1805E+00 | 1.1036E-01 | 4.6728E-01 | 1.5020E-01 |
| 1.0 | 1.2243E+00 | 1.3897E-01 | 5.2782E-01 | 1.7617E-01 |
| 1.1 | 1.2734E+00 | 1.7184E-01 | 5.9114E-01 | 2.0533E-01 |
| 1.2 | 1.3280E+00 | 2.0938E-01 | 6.5755E-01 | 2.3811E-01 |
| 1.3 | 1.3882E+00 | 2.5204E-01 | 7.2736E-01 | 2.7500E-01 |
| 1.4 | 1.4543E+00 | 3.0034E-01 | 8.0088E-01 | 3.1653E-01 |
| 1.5 | 1.5266E+00 | 3.5485E-01 | 8.7846E-01 | 3.6329E-01 |
| 1.6 | 1.6053E+00 | 4.1622E-01 | 9.6042E-01 | 4.1589E-01 |
| 1.7 | 1.6907E+00 | 4.8516E-01 | 1.0471E+00 | 4.7505E-01 |
| 1.8 | 1.7831E+00 | 5.6247E-01 | 1.1389E+00 | 5.4151E-01 |
| 1.9 | 1.8828E+00 | 6.4903E-01 | 1.2360E+00 | 6.1613E-01 |
| 2.0 | 1.9901E+00 | 7.4582E-01 | 1.3390E+00 | 6.9982E-01 |
| 2.1 | 2.1053E+00 | 8.5392E-01 | 1.4481E+00 | 7.9360E-01 |
| 2.2 | 2.2289E+00 | 9.7451E-01 | 1.5637E+00 | 8.9858E-01 |
| 2.3 | 2.3610E+00 | 1.1089E+00 | 1.6862E+00 | 1.0160E+00 |
| 2.4 | 2.5022E+00 | 1.2586E+00 | 1.8159E+00 | 1.1471E+00 |
| 2.5 | 2.6526E+00 | 1.4251E+00 | 1.9532E+00 | 1.2936E+00 |
| 2.6 | 2.8126E+00 | 1.6102E+00 | 2.0985E+00 | 1.4568E+00 |
| 2.7 | 2.9827E+00 | 1.8158E+00 | 2.2519E+00 | 1.6388E+00 |
| 2.8 | 3.1629E+00 | 2.0441E+00 | 2.4140E+00 | 1.8413E+00 |
| 2.9 | 3.3538E+00 | 2.2973E+00 | 2.5848E+00 | 2.0666E+00 |
| 3.0 | 3.5554E+00 | 2.5780E+00 | 2.7647E+00 | 2.3170E+00 |
| 3.1 | 3.7680E+00 | 2.8890E+00 | 2.9540E+00 | 2.5951E+00 |
| 3.2 | 3.9918E+00 | 3.2333E+00 | 3.1526E+00 | 2.9037E+00 |
| 3.3 | 4.2267E+00 | 3.6143E+00 | 3.3607E+00 | 3.2460E+00 |
| 3.4 | 4.4730E+00 | 4.0356E+00 | 3.5783E+00 | 3.6252E+00 |
| 3.5 | 4.7303E+00 | 4.5013E+00 | 3.8054E+00 | 4.0452E+00 |
| 3.6 | 4.9986E+00 | 5.0156E+00 | 4.0416E+00 | 4.5099E+00 |
| 3.7 | 5.2775E+00 | 5.5834E+00 | 4.2868E+00 | 5.0238E+00 |
| 3.8 | 5.5665E+00 | 6.2098E+00 | 4.5402E+00 | 5.5918E+00 |
| 3.9 | 5.8649E+00 | 6.9006E+00 | 4.8015E+00 | 6.2192E+00 |
| 4.0 | 6.1718E+00 | 7.6620E+00 | 5.0695E+00 | 6.9116E+00 |
| 4.1 | 6.4861E+00 | 8.5006E+00 | 5.3433E+00 | 7.6754E+00 |
| 4.2 | 6.8062E+00 | 9.4239E+00 | 5.6213E+00 | 8.5175E+00 |
| 4.3 | 7.1305E+00 | 1.0440E+01 | 5.9020E+00 | 9.4453E+00 |
| 4.4 | 7.4567E+00 | 1.1557E+01 | 6.1831E+00 | 1.0467E+01 |
| 4.5 | 7.7822E+00 | 1.2785E+01 | 6.4623E+00 | 1.1591E+01 |
| 4.6 | 8.1039E+00 | 1.4134E+01 | 6.7364E+00 | 1.2828E+01 |
| 4.7 | 8.4182E+00 | 1.5616E+01 | 7.0020E+00 | 1.4187E+01 |
| 4.8 | 8.7207E+00 | 1.7242E+01 | 7.2549E+00 | 1.5681E+01 |
| 4.9 | 9.0063E+00 | 1.9025E+01 | 7.4902E+00 | 1.7320E+01 |
| 5.0 | 9.2690E+00 | 2.0981E+01 | 7.7022E+00 | 1.9120E+01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|------------|-------------|------------|
| 5.0 | 9.2690E+00 | 2.0981E+01 | 7.7022E+00 | 1.9120E+01 |
| 5.1 | 9.5020E+00 | 2.3123E+01 | 7.8843E+00 | 2.1094E+01 |
| 5.2 | 9.6974E+00 | 2.5469E+01 | 8.0290E+00 | 2.3257E+01 |
| 5.3 | 9.8460E+00 | 2.8038E+01 | 8.1274E+00 | 2.5627E+01 |
| 5.4 | 9.9372E+00 | 3.0848E+01 | 8.1695E+00 | 2.8222E+01 |
| 5.5 | 9.9590E+00 | 3.3920E+01 | 8.1436E+00 | 3.1063E+01 |
| 5.6 | 9.8976E+00 | 3.7278E+01 | 8.0367E+00 | 3.4169E+01 |
| 5.7 | 9.7373E+00 | 4.0946E+01 | 7.8337E+00 | 3.7564E+01 |
| 5.8 | 9.4601E+00 | 4.4949E+01 | 7.5174E+00 | 4.1273E+01 |
| 5.9 | 9.0458E+00 | 4.9318E+01 | 7.0684E+00 | 4.5323E+01 |
| 6.0 | 8.4714E+00 | 5.4082E+01 | 6.4646E+00 | 4.9743E+01 |
| 6.1 | 7.7106E+00 | 5.9273E+01 | 5.6811E+00 | 5.4562E+01 |
| 6.2 | 6.7341E+00 | 6.4928E+01 | 4.6897E+00 | 5.9815E+01 |
| 6.3 | 5.5086E+00 | 7.1085E+01 | 3.4586E+00 | 6.5537E+01 |
| 6.4 | 3.9966E+00 | 7.7782E+01 | 1.9518E+00 | 7.1765E+01 |
| 6.5 | 2.1559E+00 | 8.5064E+01 | 1.2909E-01 | 7.8541E+01 |
| 6.6 | -6.0814E-02 | 9.2978E+01 | -2.0549E+00 | 8.5908E+01 |
| 6.7 | -2.7068E+00 | 1.0157E+02 | -4.6512E+00 | 9.3913E+01 |
| 6.8 | -5.8417E+00 | 1.1090E+02 | -7.7169E+00 | 1.0260E+02 |
| 6.9 | -9.5323E+00 | 1.2101E+02 | -1.1316E+01 | 1.1203E+02 |
| 7.0 | -1.3853E+01 | 1.3198E+02 | -1.5520E+01 | 1.2226E+02 |
| 7.1 | -1.8888E+01 | 1.4385E+02 | -2.0408E+01 | 1.3334E+02 |
| 7.2 | -2.4731E+01 | 1.5670E+02 | -2.6071E+01 | 1.4534E+02 |
| 7.3 | -3.1485E+01 | 1.7060E+02 | -3.2608E+01 | 1.5832E+02 |
| 7.4 | -3.9266E+01 | 1.8562E+02 | -4.0130E+01 | 1.7235E+02 |
| 7.5 | -4.8205E+01 | 2.0185E+02 | -4.8762E+01 | 1.8751E+02 |
| 7.6 | -5.8443E+01 | 2.1935E+02 | -5.8639E+01 | 2.0388E+02 |
| 7.7 | -7.0142E+01 | 2.3823E+02 | -6.9917E+01 | 2.2152E+02 |
| 7.8 | -8.3479E+01 | 2.5856E+02 | -8.2765E+01 | 2.4054E+02 |
| 7.9 | -9.8652E+01 | 2.8044E+02 | -9.7372E+01 | 2.6102E+02 |
| 8.0 | -1.1588E+02 | 3.0398E+02 | -1.1395E+02 | 2.8304E+02 |
| 8.1 | -1.3540E+02 | 3.2926E+02 | -1.3273E+02 | 3.0670E+02 |
| 8.2 | -1.5749E+02 | 3.5639E+02 | -1.5396E+02 | 3.3209E+02 |
| 8.3 | -1.8244E+02 | 3.8548E+02 | -1.7794E+02 | 3.5933E+02 |
| 8.4 | -2.1058E+02 | 4.1663E+02 | -2.0498E+02 | 3.8849E+02 |
| 8.5 | -2.4228E+02 | 4.4995E+02 | -2.3543E+02 | 4.1970E+02 |
| 8.6 | -2.7793E+02 | 4.8556E+02 | -2.6967E+02 | 4.5304E+02 |
| 8.7 | -3.1798E+02 | 5.2355E+02 | -3.0814E+02 | 4.8861E+02 |
| 8.8 | -3.6292E+02 | 5.6404E+02 | -3.5128E+02 | 5.2652E+02 |
| 8.9 | -4.1328E+02 | 6.0712E+02 | -3.9964E+02 | 5.6685E+02 |
| 9.0 | -4.6967E+02 | 6.5289E+02 | -4.5377E+02 | 6.0970E+02 |
| 9.1 | -5.3274E+02 | 7.0144E+02 | -5.1430E+02 | 6.5514E+02 |
| 9.2 | -6.0319E+02 | 7.5285E+02 | -5.8193E+02 | 7.0325E+02 |
| 9.3 | -6.8184E+02 | 8.0719E+02 | -6.5742E+02 | 7.5409E+02 |
| 9.4 | -7.6953E+02 | 8.6452E+02 | -7.4159E+02 | 8.0769E+02 |
| 9.5 | -8.6724E+02 | 9.2485E+02 | -8.3537E+02 | 8.6409E+02 |
| 9.6 | -9.7601E+02 | 9.8820E+02 | -9.3977E+02 | 9.2327E+02 |
| 9.7 | -1.0970E+03 | 1.0546E+03 | -1.0559E+03 | 9.8522E+02 |
| 9.8 | -1.2314E+03 | 1.1238E+03 | -1.1849E+03 | 1.0499E+03 |
| 9.9 | -1.3807E+03 | 1.1960E+03 | -1.3282E+03 | 1.1171E+03 |
| 10.0 | -1.5464E+03 | 1.2708E+03 | -1.4872E+03 | 1.1868E+03 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | -1.5464E+03 | 1.2708E+03 | -1.4872E+03 | 1.1868E+03 |
| 10.1 | -1.7300E+03 | 1.3482E+03 | -1.6636E+03 | 1.2588E+03 |
| 10.2 | -1.9335E+03 | 1.4278E+03 | -1.8589E+03 | 1.3327E+03 |
| 10.3 | -2.1588E+03 | 1.5093E+03 | -2.0752E+03 | 1.4083E+03 |
| 10.4 | -2.4081E+03 | 1.5923E+03 | -2.3145E+03 | 1.4850E+03 |
| 10.5 | -2.6837E+03 | 1.6762E+03 | -2.5791E+03 | 1.5625E+03 |
| 10.6 | -2.9881E+03 | 1.7604E+03 | -2.8715E+03 | 1.6399E+03 |
| 10.7 | -3.3242E+03 | 1.8441E+03 | -3.1943E+03 | 1.7166E+03 |
| 10.8 | -3.6951E+03 | 1.9263E+03 | -3.5504E+03 | 1.7917E+03 |
| 10.9 | -4.1040E+03 | 2.0060E+03 | -3.9432E+03 | 1.8639E+03 |
| 11.0 | -4.5546E+03 | 2.0818E+03 | -4.3760E+03 | 1.9321E+03 |
| 11.1 | -5.0508E+03 | 2.1522E+03 | -4.8526E+03 | 1.9947E+03 |
| 11.2 | -5.5968E+03 | 2.2153E+03 | -5.3771E+03 | 2.0498E+03 |
| 11.3 | -6.1973E+03 | 2.2691E+03 | -5.9540E+03 | 2.0956E+03 |
| 11.4 | -6.8572E+03 | 2.3111E+03 | -6.5881E+03 | 2.1294E+03 |
| 11.5 | -7.5821E+03 | 2.3384E+03 | -7.2846E+03 | 2.1487E+03 |
| 11.6 | -8.3778E+03 | 2.3479E+03 | -8.0491E+03 | 2.1502E+03 |
| 11.7 | -9.2506E+03 | 2.3358E+03 | -8.8879E+03 | 2.1303E+03 |
| 11.8 | -1.0207E+04 | 2.2979E+03 | -9.8075E+03 | 2.0847E+03 |
| 11.9 | -1.1256E+04 | 2.2292E+03 | -1.0815E+04 | 2.0088E+03 |
| 12.0 | -1.2403E+04 | 2.1241E+03 | -1.1918E+04 | 1.8970E+03 |
| 12.1 | -1.3659E+04 | 1.9765E+03 | -1.3125E+04 | 1.7433E+03 |
| 12.2 | -1.5033E+04 | 1.7790E+03 | -1.4445E+04 | 1.5405E+03 |
| 12.3 | -1.6533E+04 | 1.5234E+03 | -1.5888E+04 | 1.2807E+03 |
| 12.4 | -1.8172E+04 | 1.2007E+03 | -1.7463E+04 | 9.549E+02 |
| 12.5 | -1.9960E+04 | 8.0025E+02 | -1.9183E+04 | 5.5303E+02 |
| 12.6 | -2.1911E+04 | 3.1036E+02 | -2.1058E+04 | 6.3430E+01 |
| 12.7 | -2.4036E+04 | -2.8224E+02 | -2.3102E+04 | -5.2677E+02 |
| 12.8 | -2.6351E+04 | -9.9252E+02 | -2.5328E+04 | -1.2321E+03 |
| 12.9 | -2.8871E+04 | -1.8373E+03 | -2.7750E+04 | -2.0691E+03 |
| 13.0 | -3.1611E+04 | -2.8354E+03 | -3.0385E+04 | -3.0559E+03 |
| 13.1 | -3.4588E+04 | -4.0079E+03 | -3.3249E+04 | -4.2134E+03 |
| 13.2 | -3.7822E+04 | -5.3787E+03 | -3.6358E+04 | -5.5644E+03 |
| 13.3 | -4.1331E+04 | -6.9743E+03 | -3.9732E+04 | -7.1351E+03 |
| 13.4 | -4.5135E+04 | -8.8243E+03 | -4.3391E+04 | -8.9541E+03 |
| 13.5 | -4.9257E+04 | -1.0962E+04 | -4.7354E+04 | -1.1054E+04 |
| 13.6 | -5.3719E+04 | -1.3424E+04 | -5.1645E+04 | -1.3470E+04 |
| 13.7 | -5.8545E+04 | -1.6252E+04 | -5.6286E+04 | -1.6244E+04 |
| 13.8 | -6.3760E+04 | -1.9492E+04 | -6.1300E+04 | -1.9419E+04 |
| 13.9 | -6.9391E+04 | -2.3195E+04 | -6.6714E+04 | -2.3046E+04 |
| 14.0 | -7.5465E+04 | -2.7417E+04 | -7.2554E+04 | -2.7180E+04 |
| 14.1 | -8.2010E+04 | -3.2223E+04 | -7.8847E+04 | -3.1882E+04 |
| 14.2 | -8.9056E+04 | -3.7682E+04 | -8.5620E+04 | -3.7222E+04 |
| 14.3 | -9.6634E+04 | -4.3873E+04 | -9.2904E+04 | -4.3274E+04 |
| 14.4 | -1.0477E+05 | -5.0882E+04 | -1.0073E+05 | -5.0124E+04 |
| 14.5 | -1.1351E+05 | -5.8804E+04 | -1.0912E+05 | -5.7864E+04 |
| 14.6 | -1.2287E+05 | -6.7746E+04 | -1.1812E+05 | -6.6598E+04 |
| 14.7 | -1.3289E+05 | -7.7825E+04 | -1.2774E+05 | -7.6439E+04 |
| 14.8 | -1.4360E+05 | -8.9171E+04 | -1.3803E+05 | -8.7516E+04 |
| 14.9 | -1.5504E+05 | -1.0193E+05 | -1.4902E+05 | -9.9966E+04 |
| 15.0 | -1.6723E+05 | -1.1625E+05 | -1.6072E+05 | -1.1394E+05 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | -1.6723E+05 | -1.1625E+05 | -1.6072E+05 | -1.1394E+05 |
| 15.1 | -1.8020E+05 | -1.3232E+05 | -1.7317E+05 | -1.2962E+05 |
| 15.2 | -1.9398E+05 | -1.5032E+05 | -1.8639E+05 | -1.4718E+05 |
| 15.3 | -2.0860E+05 | -1.7048E+05 | -2.0042E+05 | -1.6684E+05 |
| 15.4 | -2.2407E+05 | -1.9301E+05 | -2.1525E+05 | -1.8881E+05 |
| 15.5 | -2.4041E+05 | -2.1818E+05 | -2.3092E+05 | -2.1336E+05 |
| 15.6 | -2.5764E+05 | -2.4628E+05 | -2.4743E+05 | -2.4075E+05 |
| 15.7 | -2.7575E+05 | -2.7761E+05 | -2.6477E+05 | -2.7129E+05 |
| 15.8 | -2.9474E+05 | -3.1251E+05 | -2.8295E+05 | -3.0531E+05 |
| 15.9 | -3.1460E+05 | -3.5137E+05 | -3.0194E+05 | -3.4318E+05 |
| 16.0 | -3.3529E+05 | -3.9459E+05 | -3.2173E+05 | -3.8530E+05 |
| 16.1 | -3.5679E+05 | -4.4262E+05 | -3.4225E+05 | -4.3211E+05 |
| 16.2 | -3.7902E+05 | -4.9595E+05 | -3.6347E+05 | -4.8408E+05 |
| 16.3 | -4.0192E+05 | -5.5513E+05 | -3.8529E+05 | -5.4174E+05 |
| 16.4 | -4.2537E+05 | -6.2076E+05 | -4.0761E+05 | -6.0568E+05 |
| 16.5 | -4.4926E+05 | -6.9347E+05 | -4.3031E+05 | -6.7652E+05 |
| 16.6 | -4.7343E+05 | -7.7397E+05 | -4.5323E+05 | -7.5494E+05 |
| 16.7 | -4.9767E+05 | -8.6304E+05 | -4.7617E+05 | -8.4171E+05 |
| 16.8 | -5.2176E+05 | -9.6152E+05 | -4.9891E+05 | -9.3763E+05 |
| 16.9 | -5.4541E+05 | -1.0703E+06 | -5.2116E+05 | -1.0436E+06 |
| 17.0 | -5.6830E+05 | -1.1905E+06 | -5.4258E+05 | -1.1606E+06 |
| 17.1 | -5.9001E+05 | -1.3230E+06 | -5.6280E+05 | -1.2897E+06 |
| 17.2 | -6.1009E+05 | -1.4692E+06 | -5.8133E+05 | -1.4321E+06 |
| 17.3 | -6.2799E+05 | -1.6302E+06 | -5.9765E+05 | -1.5889E+06 |
| 17.4 | -6.4307E+05 | -1.8075E+06 | -6.1113E+05 | -1.7616E+06 |
| 17.5 | -6.5460E+05 | -2.0027E+06 | -6.2104E+05 | -1.9516E+06 |
| 17.6 | -6.6172E+05 | -2.2173E+06 | -6.2653E+05 | -2.1606E+06 |
| 17.7 | -6.6344E+05 | -2.4531E+06 | -6.2663E+05 | -2.3903E+06 |
| 17.8 | -6.5864E+05 | -2.7122E+06 | -6.2023E+05 | -2.6425E+06 |
| 17.9 | -6.4601E+05 | -2.9965E+06 | -6.0605E+05 | -2.9194E+06 |
| 18.0 | -6.2407E+05 | -3.3083E+06 | -5.8263E+05 | -3.2230E+06 |
| 18.1 | -5.9113E+05 | -3.6501E+06 | -5.4830E+05 | -3.5558E+06 |
| 18.2 | -5.4525E+05 | -4.0245E+06 | -5.0115E+05 | -3.9203E+06 |
| 18.3 | -4.8424E+05 | -4.4344E+06 | -4.3904E+05 | -4.3193E+06 |
| 18.4 | -4.0559E+05 | -4.8827E+06 | -3.5949E+05 | -4.7559E+06 |
| 18.5 | -3.0650E+05 | -5.3729E+06 | -2.5975E+05 | -5.2330E+06 |
| 18.6 | -1.8376E+05 | -5.9083E+06 | -1.3666E+05 | -5.7543E+06 |
| 18.7 | -3.3761E+04 | -6.4929E+06 | 1.3313E+04 | -6.3233E+06 |
| 18.8 | 1.4757E+05 | -7.1306E+06 | 1.9418E+05 | -6.9441E+06 |
| 18.9 | 3.6483E+05 | -7.8258E+06 | 4.1045E+05 | -7.6208E+06 |
| 19.0 | 6.2317E+05 | -8.5832E+06 | 6.6720E+05 | -8.3580E+06 |
| 19.1 | 9.2841E+05 | -9.4076E+06 | 9.7013E+05 | -9.1604E+06 |
| 19.2 | 1.2871E+06 | -1.0304E+07 | 1.3256E+06 | -1.0033E+07 |
| 19.3 | 1.7064E+06 | -1.1279E+07 | 1.7409E+06 | -1.0982E+07 |
| 19.4 | 2.1947E+06 | -1.2338E+07 | 2.2239E+06 | -1.2012E+07 |
| 19.5 | 2.7611E+06 | -1.3487E+07 | 2.7838E+06 | -1.3130E+07 |
| 19.6 | 3.4158E+06 | -1.4733E+07 | 3.4305E+06 | -1.4342E+07 |
| 19.7 | 4.1702E+06 | -1.6082E+07 | 4.1752E+06 | -1.5655E+07 |
| 19.8 | 5.0372E+06 | -1.7543E+07 | 5.0306E+06 | -1.7077E+07 |
| 19.9 | 6.0310E+06 | -1.9123E+07 | 6.0105E+06 | -1.8614E+07 |
| 20.0 | 7.1675E+06 | -2.0831E+07 | 7.1306E+06 | -2.0274E+07 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|-----|------------|------------|------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 0.0000E-01 | 0.0000E-01 |
| 0.1 | 1.0019E+00 | 1.6085E-03 | 4.7016E-02 | 1.7155E-02 |
| 0.2 | 1.0077E+00 | 6.4525E-03 | 9.4219E-02 | 3.4636E-02 |
| 0.3 | 1.0173E+00 | 1.4588E-02 | 1.4180E-01 | 5.2771E-02 |
| 0.4 | 1.0307E+00 | 2.6107E-02 | 1.8993E-01 | 7.1894E-02 |
| 0.5 | 1.0480E+00 | 4.1142E-02 | 2.3881E-01 | 9.2351E-02 |
| 0.6 | 1.0693E+00 | 5.9863E-02 | 2.8862E-01 | 1.1450E-01 |
| 0.7 | 1.0945E+00 | 8.2480E-02 | 3.3953E-01 | 1.3871E-01 |
| 0.8 | 1.1236E+00 | 1.0925E-01 | 3.9172E-01 | 1.6537E-01 |
| 0.9 | 1.1568E+00 | 1.4046E-01 | 4.4536E-01 | 1.9490E-01 |
| 1.0 | 1.1940E+00 | 1.7646E-01 | 5.0060E-01 | 2.2774E-01 |
| 1.1 | 1.2353E+00 | 2.1764E-01 | 5.5761E-01 | 2.6435E-01 |
| 1.2 | 1.2807E+00 | 2.6444E-01 | 6.1654E-01 | 3.0525E-01 |
| 1.3 | 1.3303E+00 | 3.1736E-01 | 6.7751E-01 | 3.5097E-01 |
| 1.4 | 1.3841E+00 | 3.7694E-01 | 7.4065E-01 | 4.0210E-01 |
| 1.5 | 1.4420E+00 | 4.4381E-01 | 8.0607E-01 | 4.5926E-01 |
| 1.6 | 1.5041E+00 | 5.1863E-01 | 8.7385E-01 | 5.2315E-01 |
| 1.7 | 1.5704E+00 | 6.0216E-01 | 9.4406E-01 | 5.9448E-01 |
| 1.8 | 1.6409E+00 | 6.9522E-01 | 1.0167E+00 | 6.7408E-01 |
| 1.9 | 1.7154E+00 | 7.9871E-01 | 1.0919E+00 | 7.6279E-01 |
| 2.0 | 1.7939E+00 | 9.1361E-01 | 1.1695E+00 | 8.6156E-01 |
| 2.1 | 1.8762E+00 | 1.0410E+00 | 1.2496E+00 | 9.7140E-01 |
| 2.2 | 1.9622E+00 | 1.1821E+00 | 1.3319E+00 | 1.0934E+00 |
| 2.3 | 2.0516E+00 | 1.3380E+00 | 1.4163E+00 | 1.2288E+00 |
| 2.4 | 2.1442E+00 | 1.5104E+00 | 1.5027E+00 | 1.3788E+00 |
| 2.5 | 2.2396E+00 | 1.7005E+00 | 1.5907E+00 | 1.5449E+00 |
| 2.6 | 2.3373E+00 | 1.9101E+00 | 1.6799E+00 | 1.7285E+00 |
| 2.7 | 2.4369E+00 | 2.1409E+00 | 1.7699E+00 | 1.9314E+00 |
| 2.8 | 2.5376E+00 | 2.3948E+00 | 1.8601E+00 | 2.1551E+00 |
| 2.9 | 2.6388E+00 | 2.6739E+00 | 1.9499E+00 | 2.4017E+00 |
| 3.0 | 2.7395E+00 | 2.9803E+00 | 2.0384E+00 | 2.6732E+00 |
| 3.1 | 2.8386E+00 | 3.3165E+00 | 2.1246E+00 | 2.9718E+00 |
| 3.2 | 2.9351E+00 | 3.6850E+00 | 2.2075E+00 | 3.2998E+00 |
| 3.3 | 3.0273E+00 | 4.0886E+00 | 2.2857E+00 | 3.6597E+00 |
| 3.4 | 3.1137E+00 | 4.5302E+00 | 2.3577E+00 | 4.0544E+00 |
| 3.5 | 3.1924E+00 | 5.0130E+00 | 2.4217E+00 | 4.4866E+00 |
| 3.6 | 3.2611E+00 | 5.5402E+00 | 2.4757E+00 | 4.9596E+00 |
| 3.7 | 3.3175E+00 | 6.1156E+00 | 2.5173E+00 | 5.4766E+00 |
| 3.8 | 3.3586E+00 | 6.7430E+00 | 2.5438E+00 | 6.0411E+00 |
| 3.9 | 3.3812E+00 | 7.4264E+00 | 2.5523E+00 | 6.6569E+00 |
| 4.0 | 3.3816E+00 | 8.1702E+00 | 2.5392E+00 | 7.3281E+00 |
| 4.1 | 3.3557E+00 | 8.9789E+00 | 2.5006E+00 | 8.0588E+00 |
| 4.2 | 3.2986E+00 | 9.8574E+00 | 2.4321E+00 | 8.8535E+00 |
| 4.3 | 3.2053E+00 | 1.0811E+01 | 2.3286E+00 | 9.7170E+00 |
| 4.4 | 3.0695E+00 | 1.1845E+01 | 2.1847E+00 | 1.0654E+01 |
| 4.5 | 2.8847E+00 | 1.2965E+01 | 1.9938E+00 | 1.1671E+01 |
| 4.6 | 2.6432E+00 | 1.4177E+01 | 1.7488E+00 | 1.2771E+01 |
| 4.7 | 2.3368E+00 | 1.5487E+01 | 1.4419E+00 | 1.3962E+01 |
| 4.8 | 1.9558E+00 | 1.6901E+01 | 1.0642E+00 | 1.5250E+01 |
| 4.9 | 1.4899E+00 | 1.8428E+01 | 6.0555E-01 | 1.6639E+01 |
| 5.0 | 9.2732E-01 | 2.0072E+01 | 5.5035E-02 | 1.8138E+01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | 9.2732E-01 | 2.0072E+01 | 5.5035E-02 | 1.8138E+01 |
| 5.1 | 2.5498E-01 | 2.1843E+01 | -5.9973E-01 | 1.9752E+01 |
| 5.2 | -5.4158E-01 | 2.3746E+01 | -1.3725E+00 | 2.1488E+01 |
| 5.3 | -1.4785E+00 | 2.5790E+01 | -2.2784E+00 | 2.3353E+01 |
| 5.4 | -2.5735E+00 | 2.7982E+01 | -3.3344E+00 | 2.5355E+01 |
| 5.5 | -3.8464E+00 | 3.0329E+01 | -4.5592E+00 | 2.7499E+01 |
| 5.6 | -5.3191E+00 | 3.2841E+01 | -5.9734E+00 | 2.9794E+01 |
| 5.7 | -7.0155E+00 | 3.5523E+01 | -7.5999E+00 | 3.2246E+01 |
| 5.8 | -8.9624E+00 | 3.8383E+01 | -9.4639E+00 | 3.4861E+01 |
| 5.9 | -1.1189E+01 | 4.1429E+01 | -1.1593E+01 | 3.7646E+01 |
| 6.0 | -1.3728E+01 | 4.4668E+01 | -1.4018E+01 | 4.0608E+01 |
| 6.1 | -1.6614E+01 | 4.8104E+01 | -1.6773E+01 | 4.3750E+01 |
| 6.2 | -1.9886E+01 | 5.1744E+01 | -1.9894E+01 | 4.7079E+01 |
| 6.3 | -2.3588E+01 | 5.5593E+01 | -2.3422E+01 | 5.0597E+01 |
| 6.4 | -2.7766E+01 | 5.9652E+01 | -2.7402E+01 | 5.4308E+01 |
| 6.5 | -3.2471E+01 | 6.3925E+01 | -3.1882E+01 | 5.8212E+01 |
| 6.6 | -3.7759E+01 | 6.8411E+01 | -3.6915E+01 | 6.2309E+01 |
| 6.7 | -4.3692E+01 | 7.3109E+01 | -4.2559E+01 | 6.6597E+01 |
| 6.8 | -5.0336E+01 | 7.8014E+01 | -4.8879E+01 | 7.1070E+01 |
| 6.9 | -5.7765E+01 | 8.3120E+01 | -5.5942E+01 | 7.5722E+01 |
| 7.0 | -6.6057E+01 | 8.8415E+01 | -6.3825E+01 | 8.0541E+01 |
| 7.1 | -7.5299E+01 | 9.3885E+01 | -7.2610E+01 | 8.5513E+01 |
| 7.2 | -8.5585E+01 | 9.9512E+01 | -8.2385E+01 | 9.0619E+01 |
| 7.3 | -9.7017E+01 | 1.0527E+02 | -9.3247E+01 | 9.5835E+01 |
| 7.4 | -1.0970E+02 | 1.1113E+02 | -1.0530E+02 | 1.0113E+02 |
| 7.5 | -1.2377E+02 | 1.1706E+02 | -1.1866E+02 | 1.0647E+02 |
| 7.6 | -1.3933E+02 | 1.2301E+02 | -1.3345E+02 | 1.1181E+02 |
| 7.7 | -1.5654E+02 | 1.2893E+02 | -1.4979E+02 | 1.1710E+02 |
| 7.8 | -1.7555E+02 | 1.3475E+02 | -1.6784E+02 | 1.2227E+02 |
| 7.9 | -1.9651E+02 | 1.4040E+02 | -1.8775E+02 | 1.2725E+02 |
| 8.0 | -2.1960E+02 | 1.4579E+02 | -2.0968E+02 | 1.3196E+02 |
| 8.1 | -2.4501E+02 | 1.5082E+02 | -2.3382E+02 | 1.3629E+02 |
| 8.2 | -2.7293E+02 | 1.5537E+02 | -2.6034E+02 | 1.4014E+02 |
| 8.3 | -3.0359E+02 | 1.5930E+02 | -2.8946E+02 | 1.4336E+02 |
| 8.4 | -3.3722E+02 | 1.6245E+02 | -3.2139E+02 | 1.4580E+02 |
| 8.5 | -3.7405E+02 | 1.6465E+02 | -3.5638E+02 | 1.4729E+02 |
| 8.6 | -4.1436E+02 | 1.6568E+02 | -3.9465E+02 | 1.4762E+02 |
| 8.7 | -4.5842E+02 | 1.6531E+02 | -4.3650E+02 | 1.4657E+02 |
| 8.8 | -5.0652E+02 | 1.6328E+02 | -4.8218E+02 | 1.4387E+02 |
| 8.9 | -5.5899E+02 | 1.5926E+02 | -5.3200E+02 | 1.3923E+02 |
| 9.0 | -6.1614E+02 | 1.5293E+02 | -5.8628E+02 | 1.3232E+02 |
| 9.1 | -6.7834E+02 | 1.4389E+02 | -6.4535E+02 | 1.2275E+02 |
| 9.2 | -7.4595E+02 | 1.3170E+02 | -7.0955E+02 | 1.1011E+02 |
| 9.3 | -8.1936E+02 | 1.1587E+02 | -7.7925E+02 | 9.3916E+01 |
| 9.4 | -8.9896E+02 | 9.5852E+01 | -8.5483E+02 | 7.3632E+01 |
| 9.5 | -9.8519E+02 | 7.1018E+01 | -9.3670E+02 | 4.8659E+01 |
| 9.6 | -1.0785E+03 | 4.0678E+01 | -1.0253E+03 | 1.8327E+01 |
| 9.7 | -1.1793E+03 | 4.0578E+00 | -1.1210E+03 | -1.8114E+01 |
| 9.8 | -1.2881E+03 | -3.9708E+01 | -1.2242E+03 | -6.1499E+01 |
| 9.9 | -1.4053E+03 | -9.1580E+01 | -1.3355E+03 | -1.1276E+02 |
| 10.0 | -1.5315E+03 | -1.5263E+02 | -1.4552E+03 | -1.7292E+02 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | -1.5315E+03 | -1.5263E+02 | -1.4552E+03 | -1.7292E+02 |
| 10.1 | -1.6672E+03 | -2.2404E+02 | -1.5839E+03 | -2.4315E+02 |
| 10.2 | -1.8127E+03 | -3.0713E+02 | -1.7220E+03 | -3.2470E+02 |
| 10.3 | -1.9687E+03 | -4.0337E+02 | -1.8700E+03 | -4.1900E+02 |
| 10.4 | -2.1357E+03 | -5.1436E+02 | -2.0283E+03 | -5.2759E+02 |
| 10.5 | -2.3140E+03 | -6.4189E+02 | -2.1973E+03 | -6.5221E+02 |
| 10.6 | -2.5042E+03 | -7.8793E+02 | -2.3775E+03 | -7.9476E+02 |
| 10.7 | -2.7066E+03 | -9.5465E+02 | -2.5693E+03 | -9.5732E+02 |
| 10.8 | -2.9217E+03 | -1.1444E+03 | -2.7730E+03 | -1.1422E+03 |
| 10.9 | -3.1497E+03 | -1.3599E+03 | -2.9889E+03 | -1.3520E+03 |
| 11.0 | -3.3910E+03 | -1.6040E+03 | -3.2171E+03 | -1.5894E+03 |
| 11.1 | -3.6457E+03 | -1.8798E+03 | -3.4580E+03 | -1.8576E+03 |
| 11.2 | -3.9138E+03 | -2.1908E+03 | -3.7114E+03 | -2.1598E+03 |
| 11.3 | -4.1954E+03 | -2.5409E+03 | -3.9773E+03 | -2.4997E+03 |
| 11.4 | -4.4902E+03 | -2.9342E+03 | -4.2556E+03 | -2.8815E+03 |
| 11.5 | -4.7979E+03 | -3.3751E+03 | -4.5457E+03 | -3.3093E+03 |
| 11.6 | -5.1179E+03 | -3.8688E+03 | -4.8471E+03 | -3.7881E+03 |
| 11.7 | -5.4495E+03 | -4.4205E+03 | -5.1590E+03 | -4.3230E+03 |
| 11.8 | -5.7914E+03 | -5.0362E+03 | -5.4803E+03 | -4.9197E+03 |
| 11.9 | -6.1424E+03 | -5.7222E+03 | -5.8095E+03 | -5.5844E+03 |
| 12.0 | -6.5006E+03 | -6.4855E+03 | -6.1450E+03 | -6.3238E+03 |
| 12.1 | -6.8639E+03 | -7.3336E+03 | -6.4844E+03 | -7.1451E+03 |
| 12.2 | -7.2295E+03 | -8.2747E+03 | -6.8252E+03 | -8.0562E+03 |
| 12.3 | -7.5943E+03 | -9.3176E+03 | -7.1640E+03 | -9.0656E+03 |
| 12.4 | -7.9544E+03 | -1.0472E+04 | -7.4972E+03 | -1.0183E+04 |
| 12.5 | -8.3051E+03 | -1.1748E+04 | -7.8201E+03 | -1.1417E+04 |
| 12.6 | -8.6412E+03 | -1.3156E+04 | -8.1274E+03 | -1.2780E+04 |
| 12.7 | -8.9561E+03 | -1.4710E+04 | -8.4129E+03 | -1.4282E+04 |
| 12.8 | -9.2427E+03 | -1.6420E+04 | -8.6693E+03 | -1.5936E+04 |
| 12.9 | -9.4923E+03 | -1.8302E+04 | -8.8883E+03 | -1.7756E+04 |
| 13.0 | -9.6951E+03 | -2.0370E+04 | -9.0601E+03 | -1.9755E+04 |
| 13.1 | -9.8397E+03 | -2.2640E+04 | -9.1736E+03 | -2.1948E+04 |
| 13.2 | -9.9132E+03 | -2.5129E+04 | -9.2161E+03 | -2.4353E+04 |
| 13.3 | -9.9006E+03 | -2.7854E+04 | -9.1730E+03 | -2.6986E+04 |
| 13.4 | -9.7851E+03 | -3.0834E+04 | -9.0277E+03 | -2.9866E+04 |
| 13.5 | -9.5475E+03 | -3.4091E+04 | -8.7613E+03 | -3.3011E+04 |
| 13.6 | -9.1659E+03 | -3.7645E+04 | -8.3527E+03 | -3.6444E+04 |
| 13.7 | -8.6157E+03 | -4.1519E+04 | -7.7775E+03 | -4.0185E+04 |
| 13.8 | -7.8689E+03 | -4.5738E+04 | -7.0086E+03 | -4.4257E+04 |
| 13.9 | -6.8944E+03 | -5.0325E+04 | -6.0154E+03 | -4.8686E+04 |
| 14.0 | -5.6567E+03 | -5.5308E+04 | -4.7632E+03 | -5.3495E+04 |
| 14.1 | -4.1163E+03 | -6.0714E+04 | -3.2135E+03 | -5.8712E+04 |
| 14.2 | -2.2289E+03 | -6.6572E+04 | -1.3229E+03 | -6.4364E+04 |
| 14.3 | 5.5268E+01 | -7.2911E+04 | 9.5709E+02 | -7.0479E+04 |
| 14.4 | 2.7916E+03 | -7.9762E+04 | 3.6806E+03 | -7.7087E+04 |
| 14.5 | 6.0418E+03 | -8.7158E+04 | 6.9079E+03 | -8.4218E+04 |
| 14.6 | 9.8749E+03 | -9.5129E+04 | 1.0706E+04 | -9.1903E+04 |
| 14.7 | 1.4367E+04 | -1.0371E+05 | 1.5151E+04 | -1.0017E+05 |
| 14.8 | 1.9604E+04 | -1.1293E+05 | 2.0324E+04 | -1.0906E+05 |
| 14.9 | 2.5680E+04 | -1.2283E+05 | 2.6317E+04 | -1.1859E+05 |
| 15.0 | 3.2699E+04 | -1.3343E+05 | 3.3234E+04 | -1.2880E+05 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|------------|-------------|------------|-------------|
| 15.0 | 3.2699E+04 | -1.3343E+05 | 3.3234E+04 | -1.2880E+05 |
| 15.1 | 4.0777E+04 | -1.4477E+05 | 4.1186E+04 | -1.3972E+05 |
| 15.2 | 5.0042E+04 | -1.5688E+05 | 5.0298E+04 | -1.5138E+05 |
| 15.3 | 6.0635E+04 | -1.6979E+05 | 6.0708E+04 | -1.6380E+05 |
| 15.4 | 7.2710E+04 | -1.8352E+05 | 7.2568E+04 | -1.7701E+05 |
| 15.5 | 8.6441E+04 | -1.9810E+05 | 8.6043E+04 | -1.9103E+05 |
| 15.6 | 1.0201E+05 | -2.1354E+05 | 1.0132E+05 | -2.0587E+05 |
| 15.7 | 1.1964E+05 | -2.2986E+05 | 1.1859E+05 | -2.2154E+05 |
| 15.8 | 1.3954E+05 | -2.4707E+05 | 1.3809E+05 | -2.3806E+05 |
| 15.9 | 1.6196E+05 | -2.6515E+05 | 1.6005E+05 | -2.5542E+05 |
| 16.0 | 1.8718E+05 | -2.8411E+05 | 1.8475E+05 | -2.7360E+05 |
| 16.1 | 2.1550E+05 | -3.0393E+05 | 2.1246E+05 | -2.9258E+05 |
| 16.2 | 2.4724E+05 | -3.2455E+05 | 2.4351E+05 | -3.1233E+05 |
| 16.3 | 2.8275E+05 | -3.4595E+05 | 2.7824E+05 | -3.3279E+05 |
| 16.4 | 3.2243E+05 | -3.6804E+05 | 3.1703E+05 | -3.5389E+05 |
| 16.5 | 3.6669E+05 | -3.9074E+05 | 3.6029E+05 | -3.7555E+05 |
| 16.6 | 4.1599E+05 | -4.1393E+05 | 4.0846E+05 | -3.9765E+05 |
| 16.7 | 4.7083E+05 | -4.3748E+05 | 4.6203E+05 | -4.2005E+05 |
| 16.8 | 5.3174E+05 | -4.6121E+05 | 5.2152E+05 | -4.4257E+05 |
| 16.9 | 5.9932E+05 | -4.8490E+05 | 5.8750E+05 | -4.6501E+05 |
| 17.0 | 6.7418E+05 | -5.0832E+05 | 6.6058E+05 | -4.8711E+05 |
| 17.1 | 7.5702E+05 | -5.3116E+05 | 7.4144E+05 | -5.0858E+05 |
| 17.2 | 8.4857E+05 | -5.5306E+05 | 8.3077E+05 | -5.2908E+05 |
| 17.3 | 9.4962E+05 | -5.7361E+05 | 9.2935E+05 | -5.4818E+05 |
| 17.4 | 1.0610E+06 | -5.9234E+05 | 1.0380E+06 | -5.6541E+05 |
| 17.5 | 1.1837E+06 | -6.0867E+05 | 1.1577E+06 | -5.8023E+05 |
| 17.6 | 1.3186E+06 | -6.2196E+05 | 1.2892E+06 | -5.9198E+05 |
| 17.7 | 1.4668E+06 | -6.3147E+05 | 1.4337E+06 | -5.9993E+05 |
| 17.8 | 1.6295E+06 | -6.3634E+05 | 1.5923E+06 | -6.0324E+05 |
| 17.9 | 1.8078E+06 | -6.3558E+05 | 1.7660E+06 | -6.0093E+05 |
| 18.0 | 2.0029E+06 | -6.2808E+05 | 1.9562E+06 | -5.9192E+05 |
| 18.1 | 2.2164E+06 | -6.1256E+05 | 2.1641E+06 | -5.7494E+05 |
| 18.2 | 2.4495E+06 | -5.8758E+05 | 2.3912E+06 | -5.4858E+05 |
| 18.3 | 2.7038E+06 | -5.5151E+05 | 2.6389E+06 | -5.1122E+05 |
| 18.4 | 2.9809E+06 | -5.0250E+05 | 2.9088E+06 | -4.6105E+05 |
| 18.5 | 3.2826E+06 | -4.3845E+05 | 3.2024E+06 | -3.9602E+05 |
| 18.6 | 3.6105E+06 | -3.5704E+05 | 3.5216E+06 | -3.1381E+05 |
| 18.7 | 3.9665E+06 | -2.5561E+05 | 3.8682E+06 | -2.1185E+05 |
| 18.8 | 4.3526E+06 | -1.3121E+05 | 4.2438E+06 | -8.7237E+04 |
| 18.9 | 4.7708E+06 | 1.9458E+04 | 4.6507E+06 | 6.3294E+04 |
| 19.0 | 5.2230E+06 | 2.0011E+05 | 5.0906E+06 | 2.4337E+05 |
| 19.1 | 5.7116E+06 | 4.1487E+05 | 5.5657E+06 | 4.5704E+05 |
| 19.2 | 6.2385E+06 | 6.6834E+05 | 6.0781E+06 | 7.0884E+05 |
| 19.3 | 6.8061E+06 | 9.6565E+05 | 6.6298E+06 | 1.0038E+06 |
| 19.4 | 7.4166E+06 | 1.3125E+06 | 7.2231E+06 | 1.3474E+06 |
| 19.5 | 8.0722E+06 | 1.7152E+06 | 7.8602E+06 | 1.7460E+06 |
| 19.6 | 8.7751E+06 | 2.1808E+06 | 8.5430E+06 | 2.2065E+06 |
| 19.7 | 9.5275E+06 | 2.7170E+06 | 9.2737E+06 | 2.7363E+06 |
| 19.8 | 1.0331E+07 | 3.3324E+06 | 1.0054E+07 | 3.3440E+06 |
| 19.9 | 1.1189E+07 | 4.0365E+06 | 1.0886E+07 | 4.0388E+06 |
| 20.0 | 1.2102E+07 | 4.8398E+06 | 1.1772E+07 | 4.8310E+06 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|-----|-------------|------------|-------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 0.0000E-01 | 0.0000E-01 |
| 0.1 | 1.0016E+00 | 1.9167E-03 | 4.5332E-02 | 2.1191E-02 |
| 0.2 | 1.0064E+00 | 7.6851E-03 | 9.0760E-02 | 4.2745E-02 |
| 0.3 | 1.0144E+00 | 1.7361E-02 | 1.3638E-01 | 6.5028E-02 |
| 0.4 | 1.0256E+00 | 3.1037E-02 | 1.8228E-01 | 8.8409E-02 |
| 0.5 | 1.0400E+00 | 4.8843E-02 | 2.2855E-01 | 1.1327E-01 |
| 0.6 | 1.0575E+00 | 7.0948E-02 | 2.7527E-01 | 1.3999E-01 |
| 0.7 | 1.0780E+00 | 9.7560E-02 | 3.2250E-01 | 1.6898E-01 |
| 0.8 | 1.1016E+00 | 1.2893E-01 | 3.7030E-01 | 2.0066E-01 |
| 0.9 | 1.1282E+00 | 1.6533E-01 | 4.1872E-01 | 2.3545E-01 |
| 1.0 | 1.1576E+00 | 2.0711E-01 | 4.6778E-01 | 2.7382E-01 |
| 1.1 | 1.1898E+00 | 2.5464E-01 | 5.1749E-01 | 3.1624E-01 |
| 1.2 | 1.2246E+00 | 3.0832E-01 | 5.6782E-01 | 3.6321E-01 |
| 1.3 | 1.2620E+00 | 3.6863E-01 | 6.1875E-01 | 4.1528E-01 |
| 1.4 | 1.3016E+00 | 4.3607E-01 | 6.7019E-01 | 4.7300E-01 |
| 1.5 | 1.3434E+00 | 5.1121E-01 | 7.2204E-01 | 5.3697E-01 |
| 1.6 | 1.3870E+00 | 5.9465E-01 | 7.7416E-01 | 6.0783E-01 |
| 1.7 | 1.4322E+00 | 6.8705E-01 | 8.2635E-01 | 6.8625E-01 |
| 1.8 | 1.4787E+00 | 7.8913E-01 | 8.7839E-01 | 7.7294E-01 |
| 1.9 | 1.5260E+00 | 9.0166E-01 | 9.2997E-01 | 8.6865E-01 |
| 2.0 | 1.5737E+00 | 1.0255E+00 | 9.8076E-01 | 9.7419E-01 |
| 2.1 | 1.6212E+00 | 1.1614E+00 | 1.0303E+00 | 1.0904E+00 |
| 2.2 | 1.6680E+00 | 1.3105E+00 | 1.0781E+00 | 1.2182E+00 |
| 2.3 | 1.7134E+00 | 1.4737E+00 | 1.1237E+00 | 1.3585E+00 |
| 2.4 | 1.7566E+00 | 1.6521E+00 | 1.1662E+00 | 1.5124E+00 |
| 2.5 | 1.7967E+00 | 1.8468E+00 | 1.2050E+00 | 1.6808E+00 |
| 2.6 | 1.8326E+00 | 2.0590E+00 | 1.2391E+00 | 1.8649E+00 |
| 2.7 | 1.8632E+00 | 2.2900E+00 | 1.2674E+00 | 2.0659E+00 |
| 2.8 | 1.8873E+00 | 2.5411E+00 | 1.2889E+00 | 2.2849E+00 |
| 2.9 | 1.9032E+00 | 2.8136E+00 | 1.3022E+00 | 2.5232E+00 |
| 3.0 | 1.9094E+00 | 3.1090E+00 | 1.3057E+00 | 2.7822E+00 |
| 3.1 | 1.9041E+00 | 3.4288E+00 | 1.2979E+00 | 3.0631E+00 |
| 3.2 | 1.8851E+00 | 3.7744E+00 | 1.2767E+00 | 3.3675E+00 |
| 3.3 | 1.8500E+00 | 4.1476E+00 | 1.2400E+00 | 3.6966E+00 |
| 3.4 | 1.7965E+00 | 4.5499E+00 | 1.1854E+00 | 4.0521E+00 |
| 3.5 | 1.7214E+00 | 4.9828E+00 | 1.1104E+00 | 4.4353E+00 |
| 3.6 | 1.6217E+00 | 5.4482E+00 | 1.0118E+00 | 4.8478E+00 |
| 3.7 | 1.4938E+00 | 5.9476E+00 | 8.8646E-01 | 5.2911E+00 |
| 3.8 | 1.3338E+00 | 6.4828E+00 | 7.3067E-01 | 5.7667E+00 |
| 3.9 | 1.1373E+00 | 7.0552E+00 | 5.4040E-01 | 6.2759E+00 |
| 4.0 | 8.9961E-01 | 7.6665E+00 | 3.1121E-01 | 6.8203E+00 |
| 4.1 | 6.1542E-01 | 8.3182E+00 | 3.8190E-02 | 7.4010E+00 |
| 4.2 | 2.7896E-01 | 9.0117E+00 | -2.8407E-01 | 8.0194E+00 |
| 4.3 | -1.1612E-01 | 9.7482E+00 | -6.6149E-01 | 8.6765E+00 |
| 4.4 | -5.7674E-01 | 1.0529E+01 | -1.1006E+00 | 9.3733E+00 |
| 4.5 | -1.1105E+00 | 1.1354E+01 | -1.6084E+00 | 1.0110E+01 |
| 4.6 | -1.7257E+00 | 1.2226E+01 | -2.1928E+00 | 1.0888E+01 |
| 4.7 | -2.4315E+00 | 1.3143E+01 | -2.8622E+00 | 1.1707E+01 |
| 4.8 | -3.2375E+00 | 1.4106E+01 | -3.6258E+00 | 1.2567E+01 |
| 4.9 | -4.1546E+00 | 1.5114E+01 | -4.4937E+00 | 1.3466E+01 |
| 5.0 | -5.1943E+00 | 1.6166E+01 | -5.4767E+00 | 1.4405E+01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | -5.1943E+00 | 1.6166E+01 | -5.4767E+00 | 1.4405E+01 |
| 5.1 | -6.3692E+00 | 1.7261E+01 | -6.5867E+00 | 1.5381E+01 |
| 5.2 | -7.6930E+00 | 1.8397E+01 | -7.8363E+00 | 1.6391E+01 |
| 5.3 | -9.1802E+00 | 1.9569E+01 | -9.2395E+00 | 1.7434E+01 |
| 5.4 | -1.0847E+01 | 2.0774E+01 | -1.0811E+01 | 1.8503E+01 |
| 5.5 | -1.2710E+01 | 2.2007E+01 | -1.2567E+01 | 1.9595E+01 |
| 5.6 | -1.4787E+01 | 2.3262E+01 | -1.4524E+01 | 2.0703E+01 |
| 5.7 | -1.7099E+01 | 2.4530E+01 | -1.6701E+01 | 2.1820E+01 |
| 5.8 | -1.9666E+01 | 2.5802E+01 | -1.9117E+01 | 2.2935E+01 |
| 5.9 | -2.2510E+01 | 2.7067E+01 | -2.1794E+01 | 2.4039E+01 |
| 6.0 | -2.5656E+01 | 2.8312E+01 | -2.4754E+01 | 2.5119E+01 |
| 6.1 | -2.9129E+01 | 2.9522E+01 | -2.8021E+01 | 2.6160E+01 |
| 6.2 | -3.2956E+01 | 3.0679E+01 | -3.1620E+01 | 2.7145E+01 |
| 6.3 | -3.7165E+01 | 3.1763E+01 | -3.5577E+01 | 2.8053E+01 |
| 6.4 | -4.1786E+01 | 3.2749E+01 | -3.9921E+01 | 2.8862E+01 |
| 6.5 | -4.6851E+01 | 3.3610E+01 | -4.4682E+01 | 2.9546E+01 |
| 6.6 | -5.2394E+01 | 3.4316E+01 | -4.9890E+01 | 3.0074E+01 |
| 6.7 | -5.8448E+01 | 3.4832E+01 | -5.5578E+01 | 3.0414E+01 |
| 6.8 | -6.5051E+01 | 3.5118E+01 | -6.1781E+01 | 3.0526E+01 |
| 6.9 | -7.2240E+01 | 3.5128E+01 | -6.8533E+01 | 3.0368E+01 |
| 7.0 | -8.0053E+01 | 3.4812E+01 | -7.5870E+01 | 2.9890E+01 |
| 7.1 | -8.8532E+01 | 3.4113E+01 | -8.3831E+01 | 2.9038E+01 |
| 7.2 | -9.7717E+01 | 3.2967E+01 | -9.2452E+01 | 2.7751E+01 |
| 7.3 | -1.0765E+02 | 3.1303E+01 | -1.0177E+02 | 2.5960E+01 |
| 7.4 | -1.1837E+02 | 2.9042E+01 | -1.1184E+02 | 2.3588E+01 |
| 7.5 | -1.2993E+02 | 2.6095E+01 | -1.2268E+02 | 2.0551E+01 |
| 7.6 | -1.4236E+02 | 2.2364E+01 | -1.3433E+02 | 1.8755E+01 |
| 7.7 | -1.5571E+02 | 1.7740E+01 | -1.4685E+02 | 1.2095E+01 |
| 7.8 | -1.7001E+02 | 1.2102E+01 | -1.6026E+02 | 6.4547E+00 |
| 7.9 | -1.8531E+02 | 5.3177E+00 | -1.7459E+02 | -2.9213E-01 |
| 8.0 | -2.0165E+02 | -2.7593E+00 | -1.8989E+02 | -8.2865E+00 |
| 8.1 | -2.1904E+02 | -1.2290E+01 | -2.0617E+02 | -1.7683E+01 |
| 8.2 | -2.3753E+02 | -2.3453E+01 | -2.2347E+02 | -2.8651E+01 |
| 8.3 | -2.5713E+02 | -3.6440E+01 | -2.4180E+02 | -4.1377E+01 |
| 8.4 | -2.7787E+02 | -5.1464E+01 | -2.6117E+02 | -5.6064E+01 |
| 8.5 | -2.9974E+02 | -6.8758E+01 | -2.8160E+02 | -7.2934E+01 |
| 8.6 | -3.2274E+02 | -8.8574E+01 | -3.0306E+02 | -9.2230E+01 |
| 8.7 | -3.4687E+02 | -1.1119E+02 | -3.2555E+02 | -1.1422E+02 |
| 8.8 | -3.7209E+02 | -1.3690E+02 | -3.4904E+02 | -1.3918E+02 |
| 8.9 | -3.9835E+02 | -1.6603E+02 | -3.7348E+02 | -1.6742E+02 |
| 9.0 | -4.2561E+02 | -1.9894E+02 | -3.9880E+02 | -1.9930E+02 |
| 9.1 | -4.5376E+02 | -2.3599E+02 | -4.2491E+02 | -2.3516E+02 |
| 9.2 | -4.8271E+02 | -2.7762E+02 | -4.5172E+02 | -2.7539E+02 |
| 9.3 | -5.1232E+02 | -3.2425E+02 | -4.7908E+02 | -3.2044E+02 |
| 9.4 | -5.4240E+02 | -3.7636E+02 | -5.0681E+02 | -3.7074E+02 |
| 9.5 | -5.7277E+02 | -4.3446E+02 | -5.3472E+02 | -4.2678E+02 |
| 9.6 | -6.0316E+02 | -4.9910E+02 | -5.6256E+02 | -4.8910E+02 |
| 9.7 | -6.3329E+02 | -5.7086E+02 | -5.9004E+02 | -5.5823E+02 |
| 9.8 | -6.6281E+02 | -6.5037E+02 | -6.1681E+02 | -6.3479E+02 |
| 9.9 | -6.9130E+02 | -7.3829E+02 | -6.4248E+02 | -7.1941E+02 |
| 10.0 | -7.1829E+02 | -8.3532E+02 | -6.6657E+02 | -8.1275E+02 |

| R | RE(IU) | IM(I0) | RE(II) | IM(II) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | -7.1829E+02 | -8.3532E+02 | -6.6657E+02 | -8.1275E+02 |
| 10.1 | -7.4323E+02 | -9.4221E+02 | -6.8855E+02 | -9.1552E+02 |
| 10.2 | -7.6548E+02 | -1.0597E+03 | -7.0779E+02 | -1.0285E+03 |
| 10.3 | -7.8433E+02 | -1.1887E+03 | -7.2360E+02 | -1.1524E+03 |
| 10.4 | -7.9894E+02 | -1.3301E+03 | -7.3515E+02 | -1.2882E+03 |
| 10.5 | -8.0837E+02 | -1.4847E+03 | -7.4153E+02 | -1.4366E+03 |
| 10.6 | -8.1155E+02 | -1.6535E+03 | -7.4169E+02 | -1.5985E+03 |
| 10.7 | -8.0727E+02 | -1.8375E+03 | -7.3446E+02 | -1.7750E+03 |
| 10.8 | -7.9417E+02 | -2.0376E+03 | -7.1851E+02 | -1.9670E+03 |
| 10.9 | -7.7071E+02 | -2.2551E+03 | -6.9235E+02 | -2.1754E+03 |
| 11.0 | -7.3519E+02 | -2.4908E+03 | -6.5432E+02 | -2.4013E+03 |
| 11.1 | -6.8567E+02 | -2.7460E+03 | -6.0253E+02 | -2.6457E+03 |
| 11.2 | -6.2002E+02 | -3.0217E+03 | -5.3491E+02 | -2.9097E+03 |
| 11.3 | -5.3586E+02 | -3.3190E+03 | -4.4914E+02 | -3.1942E+03 |
| 11.4 | -4.3052E+02 | -3.6390E+03 | -3.4265E+02 | -3.5004E+03 |
| 11.5 | -3.0107E+02 | -3.9828E+03 | -2.1258E+02 | -3.8292E+03 |
| 11.6 | -1.4426E+02 | -4.3514E+03 | -5.5780E+01 | -4.1815E+03 |
| 11.7 | 4.3511E+01 | -4.7458E+03 | 1.3125E+02 | -4.5583E+03 |
| 11.8 | 2.6620E+02 | -5.1668E+03 | 3.5234E+02 | -4.9604E+03 |
| 11.9 | 5.2817E+02 | -5.6154E+03 | 6.1172E+02 | -5.3885E+03 |
| 12.0 | 8.3421E+02 | -6.0921E+03 | 9.1404E+02 | -5.8432E+03 |
| 12.1 | 1.1896E+03 | -6.5974E+03 | 1.2644E+03 | -6.3250E+03 |
| 12.2 | 1.6000E+03 | -7.1317E+03 | 1.6683E+03 | -6.8340E+03 |
| 12.3 | 2.0718E+03 | -7.6951E+03 | 2.1320E+03 | -7.3704E+03 |
| 12.4 | 2.6118E+03 | -8.2874E+03 | 2.6619E+03 | -7.9337E+03 |
| 12.5 | 3.2275E+03 | -8.9080E+03 | 3.2655E+03 | -8.5236E+03 |
| 12.6 | 3.9270E+03 | -9.5560E+03 | 3.9504E+03 | -9.1388E+03 |
| 12.7 | 4.7190E+03 | -1.0230E+04 | 4.7252E+03 | -9.7781E+03 |
| 12.8 | 5.6133E+03 | -1.0928E+04 | 5.5992E+03 | -1.0440E+04 |
| 12.9 | 6.6199E+03 | -1.1648E+04 | 6.5824E+03 | -1.1120E+04 |
| 13.0 | 7.7502E+03 | -1.2386E+04 | 7.6854E+03 | -1.1818E+04 |
| 13.1 | 9.0160E+03 | -1.3139E+04 | 8.9199E+03 | -1.2527E+04 |
| 13.2 | 1.0430E+04 | -1.3901E+04 | 1.0298E+04 | -1.3244E+04 |
| 13.3 | 1.2007E+04 | -1.4667E+04 | 1.1834E+04 | -1.3963E+04 |
| 13.4 | 1.3761E+04 | -1.5429E+04 | 1.3541E+04 | -1.4675E+04 |
| 13.5 | 1.5707E+04 | -1.6180E+04 | 1.5436E+04 | -1.5374E+04 |
| 13.6 | 1.7864E+04 | -1.6908E+04 | 1.7533E+04 | -1.6049E+04 |
| 13.7 | 2.0248E+04 | -1.7603E+04 | 1.9851E+04 | -1.6689E+04 |
| 13.8 | 2.2879E+04 | -1.8250E+04 | 2.2408E+04 | -1.7280E+04 |
| 13.9 | 2.5777E+04 | -1.8835E+04 | 2.5223E+04 | -1.7807E+04 |
| 14.0 | 2.8963E+04 | -1.9340E+04 | 2.8316E+04 | -1.8253E+04 |
| 14.1 | 3.2460E+04 | -1.9743E+04 | 3.1710E+04 | -1.8597E+04 |
| 14.2 | 3.6291E+04 | -2.0022E+04 | 3.5427E+04 | -1.8816E+04 |
| 14.3 | 4.0480E+04 | -2.0150E+04 | 3.9490E+04 | -1.8884E+04 |
| 14.4 | 4.5054E+04 | -2.0097E+04 | 4.3923E+04 | -1.8772E+04 |
| 14.5 | 5.0038E+04 | -1.9828E+04 | 4.8753E+04 | -1.8446E+04 |
| 14.6 | 5.5459E+04 | -1.9306E+04 | 5.4006E+04 | -1.7869E+04 |
| 14.7 | 6.1347E+04 | -1.8487E+04 | 5.9707E+04 | -1.6999E+04 |
| 14.8 | 6.7728E+04 | -1.7324E+04 | 6.5885E+04 | -1.5787E+04 |
| 14.9 | 7.4633E+04 | -1.5761E+04 | 7.2567E+04 | -1.4182E+04 |
| 15.0 | 8.2090E+04 | -1.3739E+04 | 7.9780E+04 | -1.2125E+04 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | 8.2090E+04 | -1.3739E+04 | 7.9780E+04 | -1.2125E+04 |
| 15.1 | 9.0129E+04 | -1.1192E+04 | 8.7553E+04 | -9.5493E+03 |
| 15.2 | 9.8777E+04 | -8.0440E+03 | 9.5912E+04 | -6.3834E+03 |
| 15.3 | 1.0806E+05 | -4.2132E+03 | 1.0488E+05 | -2.5462E+03 |
| 15.4 | 1.1801E+05 | 3.9159E+02 | 1.1449E+05 | 2.0512E+03 |
| 15.5 | 1.2865E+05 | 5.8712E+03 | 1.2476E+05 | 7.5073E+03 |
| 15.6 | 1.4000E+05 | 1.2337E+04 | 1.3571E+05 | 1.3930E+04 |
| 15.7 | 1.5208E+05 | 1.9910E+04 | 1.4736E+05 | 2.1440E+04 |
| 15.8 | 1.6490E+05 | 2.8725E+04 | 1.5972E+05 | 3.0166E+04 |
| 15.9 | 1.7848E+05 | 3.8929E+04 | 1.7280E+05 | 4.0253E+04 |
| 16.0 | 1.9282E+05 | 5.0683E+04 | 1.8661E+05 | 5.1857E+04 |
| 16.1 | 2.0792E+05 | 6.4163E+04 | 2.0114E+05 | 6.5149E+04 |
| 16.2 | 2.2377E+05 | 7.9560E+04 | 2.1637E+05 | 8.0317E+04 |
| 16.3 | 2.4034E+05 | 9.7082E+04 | 2.3229E+05 | 9.7563E+04 |
| 16.4 | 2.5762E+05 | 1.1696E+05 | 2.4887E+05 | 1.1711E+05 |
| 16.5 | 2.7554E+05 | 1.3943E+05 | 2.6605E+05 | 1.3919E+05 |
| 16.6 | 2.9405E+05 | 1.6477E+05 | 2.8378E+05 | 1.6407E+05 |
| 16.7 | 3.1308E+05 | 1.9326E+05 | 3.0198E+05 | 1.9203E+05 |
| 16.8 | 3.3252E+05 | 2.2521E+05 | 3.2054E+05 | 2.2337E+05 |
| 16.9 | 3.5226E+05 | 2.6095E+05 | 3.3935E+05 | 2.5841E+05 |
| 17.0 | 3.7214E+05 | 3.0085E+05 | 3.5826E+05 | 2.9751E+05 |
| 17.1 | 3.9199E+05 | 3.4529E+05 | 3.7710E+05 | 3.4103E+05 |
| 17.2 | 4.1159E+05 | 3.9469E+05 | 3.9564E+05 | 3.8938E+05 |
| 17.3 | 4.3070E+05 | 4.4947E+05 | 4.1365E+05 | 4.4298E+05 |
| 17.4 | 4.4902E+05 | 5.1010E+05 | 4.3084E+05 | 5.0229E+05 |
| 17.5 | 4.6622E+05 | 5.7710E+05 | 4.4686E+05 | 5.6779E+05 |
| 17.6 | 4.8189E+05 | 6.5097E+05 | 4.6132E+05 | 6.3999E+05 |
| 17.7 | 4.9558E+05 | 7.3229E+05 | 4.7378E+05 | 7.1943E+05 |
| 17.8 | 5.0677E+05 | 8.2162E+05 | 4.8372E+05 | 8.0667E+05 |
| 17.9 | 5.1486E+05 | 9.1960E+05 | 4.9054E+05 | 9.0233E+05 |
| 18.0 | 5.1918E+05 | 1.0269E+06 | 4.9359E+05 | 1.0070E+06 |
| 18.1 | 5.1894E+05 | 1.1441E+06 | 4.9210E+05 | 1.1214E+06 |
| 18.2 | 5.1328E+05 | 1.2720E+06 | 4.8521E+05 | 1.2461E+06 |
| 18.3 | 5.0122E+05 | 1.4112E+06 | 4.7196E+05 | 1.3819E+06 |
| 18.4 | 4.8164E+05 | 1.5626E+06 | 4.5124E+05 | 1.5294E+06 |
| 18.5 | 4.5331E+05 | 1.7268E+06 | 4.2185E+05 | 1.6894E+06 |
| 18.6 | 4.1482E+05 | 1.9047E+06 | 3.8241E+05 | 1.8627E+06 |
| 18.7 | 3.6463E+05 | 2.0970E+06 | 3.3140E+05 | 2.0500E+06 |
| 18.8 | 3.0101E+05 | 2.3046E+06 | 2.6711E+05 | 2.2520E+06 |
| 18.9 | 2.2203E+05 | 2.5281E+06 | 1.8767E+05 | 2.4694E+06 |
| 19.0 | 1.2556E+05 | 2.7683E+06 | 9.0957E+04 | 2.7031E+06 |
| 19.1 | 9.2161E+03 | 3.0259E+06 | -2.5333E+04 | 2.9536E+06 |
| 19.2 | -1.2960E+05 | 3.3017E+06 | -1.6377E+05 | 3.2216E+06 |
| 19.3 | -2.9378E+05 | 3.5963E+06 | -3.2718E+05 | 3.5077E+06 |
| 19.4 | -4.8650E+05 | 3.9101E+06 | -5.1869E+05 | 3.8124E+06 |
| 19.5 | -7.1126E+05 | 4.2436E+06 | -7.4171E+05 | 4.1362E+06 |
| 19.6 | -9.7189E+05 | 4.5972E+06 | -1.0000E+06 | 4.4792E+06 |
| 19.7 | -1.2726E+06 | 4.9710E+06 | -1.2977E+06 | 4.8416E+06 |
| 19.8 | -1.6179E+06 | 5.3651E+06 | -1.6392E+06 | 5.2235E+06 |
| 19.9 | -2.0130E+06 | 5.7792E+06 | -2.0296E+06 | 5.6245E+06 |
| 20.0 | -2.4631E+06 | 6.2128E+06 | -2.4740E+06 | 6.0441E+06 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|-----|-------------|------------|-------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 0.0000E-01 | 0.0000E-01 |
| 0.1 | 1.0012E+00 | 2.1664E-03 | 4.3301E-02 | 2.5063E-02 |
| 0.2 | 1.0050E+00 | 8.6819E-03 | 8.6602E-02 | 5.0500E-02 |
| 0.3 | 1.0112E+00 | 1.9595E-02 | 1.2990E-01 | 7.6691E-02 |
| 0.4 | 1.0198E+00 | 3.4987E-02 | 1.7318E-01 | 1.0401E-01 |
| 0.5 | 1.0308E+00 | 5.4972E-02 | 2.1644E-01 | 1.3285E-01 |
| 0.6 | 1.0440E+00 | 7.9696E-02 | 2.5963E-01 | 1.6360E-01 |
| 0.7 | 1.0593E+00 | 1.0934E-01 | 3.0273E-01 | 1.9665E-01 |
| 0.8 | 1.0767E+00 | 1.4411E-01 | 3.4566E-01 | 2.3242E-01 |
| 0.9 | 1.0959E+00 | 1.8425E-01 | 3.8836E-01 | 2.7132E-01 |
| 1.0 | 1.1168E+00 | 2.3003E-01 | 4.3071E-01 | 3.1377E-01 |
| 1.1 | 1.1390E+00 | 2.8177E-01 | 4.7259E-01 | 3.6023E-01 |
| 1.2 | 1.1625E+00 | 3.3980E-01 | 5.1384E-01 | 4.1114E-01 |
| 1.3 | 1.1868E+00 | 4.0449E-01 | 5.5425E-01 | 4.6697E-01 |
| 1.4 | 1.2117E+00 | 4.7625E-01 | 5.9359E-01 | 5.2820E-01 |
| 1.5 | 1.2367E+00 | 5.5549E-01 | 6.3159E-01 | 5.9534E-01 |
| 1.6 | 1.2614E+00 | 6.4268E-01 | 6.6791E-01 | 6.6888E-01 |
| 1.7 | 1.2853E+00 | 7.3830E-01 | 7.0217E-01 | 7.4936E-01 |
| 1.8 | 1.3079E+00 | 8.4286E-01 | 7.3393E-01 | 8.3731E-01 |
| 1.9 | 1.3285E+00 | 9.5690E-01 | 7.6269E-01 | 9.3328E-01 |
| 2.0 | 1.3464E+00 | 1.0810E+00 | 7.8785E-01 | 1.0378E+00 |
| 2.1 | 1.3609E+00 | 1.2156E+00 | 8.0877E-01 | 1.1516E+00 |
| 2.2 | 1.3710E+00 | 1.3615E+00 | 8.2471E-01 | 1.2750E+00 |
| 2.3 | 1.3759E+00 | 1.5191E+00 | 8.3482E-01 | 1.4088E+00 |
| 2.4 | 1.3744E+00 | 1.6892E+00 | 8.3818E-01 | 1.5534E+00 |
| 2.5 | 1.3653E+00 | 1.8722E+00 | 8.3373E-01 | 1.7095E+00 |
| 2.6 | 1.3474E+00 | 2.0689E+00 | 8.2032E-01 | 1.8776E+00 |
| 2.7 | 1.3191E+00 | 2.2797E+00 | 7.9666E-01 | 2.0583E+00 |
| 2.8 | 1.2790E+00 | 2.5052E+00 | 7.6132E-01 | 2.2521E+00 |
| 2.9 | 1.2252E+00 | 2.7460E+00 | 7.1273E-01 | 2.4594E+00 |
| 3.0 | 1.1558E+00 | 3.0026E+00 | 6.4916E-01 | 2.6808E+00 |
| 3.1 | 1.0688E+00 | 3.2754E+00 | 5.6872E-01 | 2.9165E+00 |
| 3.2 | 9.6186E-01 | 3.5648E+00 | 4.6933E-01 | 3.1669E+00 |
| 3.3 | 8.3253E-01 | 3.8709E+00 | 3.4872E-01 | 3.4322E+00 |
| 3.4 | 6.7810E-01 | 4.1942E+00 | 2.0444E-01 | 3.7126E+00 |
| 3.5 | 4.9566E-01 | 4.5344E+00 | 3.3804E-02 | 4.0081E+00 |
| 3.6 | 2.8206E-01 | 4.8917E+00 | -1.6609E-01 | 4.3185E+00 |
| 3.7 | 3.3870E-02 | 5.2657E+00 | -3.9837E-01 | 4.6435E+00 |
| 3.8 | -2.5256E-01 | 5.6559E+00 | -6.6643E-01 | 4.9827E+00 |
| 3.9 | -5.8119E-01 | 6.0618E+00 | -9.7389E-01 | 5.3354E+00 |
| 4.0 | -9.5624E-01 | 6.4823E+00 | -1.3247E+00 | 5.7006E+00 |
| 4.1 | -1.3822E+00 | 6.9162E+00 | -1.7230E+00 | 6.0770E+00 |
| 4.2 | -1.8640E+00 | 7.3620E+00 | -2.1732E+00 | 6.4632E+00 |
| 4.3 | -2.4067E+00 | 7.8177E+00 | -2.6802E+00 | 6.8573E+00 |
| 4.4 | -3.0159E+00 | 8.2808E+00 | -3.2489E+00 | 7.2568E+00 |
| 4.5 | -3.6971E+00 | 8.7487E+00 | -3.8848E+00 | 7.6591E+00 |
| 4.6 | -4.4567E+00 | 9.2177E+00 | -4.5934E+00 | 8.0608E+00 |
| 4.7 | -5.3010E+00 | 9.6841E+00 | -5.3808E+00 | 8.4581E+00 |
| 4.8 | -6.2368E+00 | 1.0143E+01 | -6.2531E+00 | 8.8465E+00 |
| 4.9 | -7.2712E+00 | 1.0589E+01 | -7.2170E+00 | 9.2208E+00 |
| 5.0 | -8.4114E+00 | 1.1016E+01 | -8.2792E+00 | 9.5750E+00 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | -8.4114E+00 | 1.1016E+01 | -8.2792E+00 | 9.5750E+00 |
| 5.1 | -9.6653E+00 | 1.1417E+01 | -9.4467E+00 | 9.9023E+00 |
| 5.2 | -1.1041E+01 | 1.1784E+01 | -1.0727E+01 | 1.0195E+01 |
| 5.3 | -1.2545E+01 | 1.2107E+01 | -1.2127E+01 | 1.0444E+01 |
| 5.4 | -1.4188E+01 | 1.2376E+01 | -1.3656E+01 | 1.0640E+01 |
| 5.5 | -1.5977E+01 | 1.2580E+01 | -1.5319E+01 | 1.0771E+01 |
| 5.6 | -1.7922E+01 | 1.2705E+01 | -1.7126E+01 | 1.0825E+01 |
| 5.7 | -2.0029E+01 | 1.2737E+01 | -1.9085E+01 | 1.0788E+01 |
| 5.8 | -2.2309E+01 | 1.2660E+01 | -2.1202E+01 | 1.0644E+01 |
| 5.9 | -2.4769E+01 | 1.2454E+01 | -2.3486E+01 | 1.0376E+01 |
| 6.0 | -2.7417E+01 | 1.2101E+01 | -2.5944E+01 | 9.9659E+00 |
| 6.1 | -3.0261E+01 | 1.1578E+01 | -2.8583E+01 | 9.3912E+00 |
| 6.2 | -3.3309E+01 | 1.0861E+01 | -3.1408E+01 | 8.6291E+00 |
| 6.3 | -3.6566E+01 | 9.9227E+00 | -3.4426E+01 | 7.6542E+00 |
| 6.4 | -4.0039E+01 | 8.7339E+00 | -3.7642E+01 | 6.4384E+00 |
| 6.5 | -4.3731E+01 | 7.2624E+00 | -4.1060E+01 | 4.9512E+00 |
| 6.6 | -4.7647E+01 | 5.4733E+00 | -4.4680E+01 | 3.1592E+00 |
| 6.7 | -5.1786E+01 | 3.3283E+00 | -4.8506E+01 | 1.0262E+00 |
| 6.8 | -5.6150E+01 | 7.8611E-01 | -5.2534E+01 | -1.4872E+00 |
| 6.9 | -6.0736E+01 | -2.1982E+00 | -5.6763E+01 | -4.4237E+00 |
| 7.0 | -6.5537E+01 | -5.6732E+00 | -6.1186E+01 | -7.8292E+00 |
| 7.1 | -7.0547E+01 | -9.6910E+00 | -6.5796E+01 | -1.1753E+01 |
| 7.2 | -7.5754E+01 | -1.4308E+01 | -7.0578E+01 | -1.6250E+01 |
| 7.3 | -8.1141E+01 | -1.9584E+01 | -7.5519E+01 | -2.1375E+01 |
| 7.4 | -8.6689E+01 | -2.5584E+01 | -8.0597E+01 | -2.7191E+01 |
| 7.5 | -9.2372E+01 | -3.2377E+01 | -8.5788E+01 | -3.3763E+01 |
| 7.6 | -9.8160E+01 | -4.0036E+01 | -9.1060E+01 | -4.1160E+01 |
| 7.7 | -1.0401E+02 | -4.8639E+01 | -9.6376E+01 | -4.9456E+01 |
| 7.8 | -1.0989E+02 | -5.8268E+01 | -1.0169E+02 | -5.8728E+01 |
| 7.9 | -1.1574E+02 | -6.9010E+01 | -1.0696E+02 | -6.9059E+01 |
| 8.0 | -1.2149E+02 | -8.0956E+01 | -1.1211E+02 | -8.0536E+01 |
| 8.1 | -1.2707E+02 | -9.4203E+01 | -1.1708E+02 | -9.3248E+01 |
| 8.2 | -1.3241E+02 | -1.0885E+02 | -1.2178E+02 | -1.0729E+02 |
| 8.3 | -1.3740E+02 | -1.2500E+02 | -1.2612E+02 | -1.2276E+02 |
| 8.4 | -1.4194E+02 | -1.4276E+02 | -1.3000E+02 | -1.3976E+02 |
| 8.5 | -1.4590E+02 | -1.6224E+02 | -1.3329E+02 | -1.5839E+02 |
| 8.6 | -1.4914E+02 | -1.8356E+02 | -1.3586E+02 | -1.7876E+02 |
| 8.7 | -1.5150E+02 | -2.0683E+02 | -1.3755E+02 | -2.0097E+02 |
| 8.8 | -1.5281E+02 | -2.3216E+02 | -1.3820E+02 | -2.2515E+02 |
| 8.9 | -1.5285E+02 | -2.5968E+02 | -1.3760E+02 | -2.5139E+02 |
| 9.0 | -1.5142E+02 | -2.8950E+02 | -1.3554E+02 | -2.7980E+02 |
| 9.1 | -1.4826E+02 | -3.2174E+02 | -1.3178E+02 | -3.1049E+02 |
| 9.2 | -1.4310E+02 | -3.5650E+02 | -1.2605E+02 | -3.4356E+02 |
| 9.3 | -1.3563E+02 | -3.9388E+02 | -1.1807E+02 | -3.7911E+02 |
| 9.4 | -1.2552E+02 | -4.3400E+02 | -1.0750E+02 | -4.1722E+02 |
| 9.5 | -1.1240E+02 | -4.7693E+02 | -9.3999E+01 | -4.5798E+02 |
| 9.6 | -9.5864E+01 | -5.2274E+02 | -7.7164E+01 | -5.0144E+02 |
| 9.7 | -7.5467E+01 | -5.7151E+02 | -5.6572E+01 | -5.4767E+02 |
| 9.8 | -5.0727E+01 | -6.2327E+02 | -3.1756E+01 | -5.9670E+02 |
| 9.9 | -2.1115E+01 | -6.7804E+02 | -2.2063E+00 | -6.4852E+02 |
| 10.0 | 1.3942E+01 | -7.3581E+02 | 3.2627E+01 | -7.0313E+02 |

| R | RE(I0) | IM(I0) | RE(II) | IM(II) |
|------|------------|-------------|------------|-------------|
| 10.0 | 1.3942E+01 | -7.3581E+02 | 3.2627E+01 | -7.0313E+02 |
| 10.1 | 5.5066E+01 | -7.9655E+02 | 7.3344E+01 | -7.6049E+02 |
| 10.2 | 1.0293E+02 | -8.6017E+02 | 1.2059E+02 | -8.2050E+02 |
| 10.3 | 1.5825E+02 | -9.2655E+02 | 1.7507E+02 | -8.8304E+02 |
| 10.4 | 2.2182E+02 | -9.9554E+02 | 2.3752E+02 | -9.4795E+02 |
| 10.5 | 2.9448E+02 | -1.0669E+03 | 3.0875E+02 | -1.0150E+03 |
| 10.6 | 3.7711E+02 | -1.1404E+03 | 3.8963E+02 | -1.0839E+03 |
| 10.7 | 4.7068E+02 | -1.2155E+03 | 4.8107E+02 | -1.1542E+03 |
| 10.8 | 5.7620E+02 | -1.2920E+03 | 5.8405E+02 | -1.2256E+03 |
| 10.9 | 6.9477E+02 | -1.3692E+03 | 6.9961E+02 | -1.2975E+03 |
| 11.0 | 8.2752E+02 | -1.4465E+03 | 8.2885E+02 | -1.3692E+03 |
| 11.1 | 9.7566E+02 | -1.5232E+03 | 9.7292E+02 | -1.4401E+03 |
| 11.2 | 1.1405E+03 | -1.5984E+03 | 1.1330E+03 | -1.5092E+03 |
| 11.3 | 1.3233E+03 | -1.6709E+03 | 1.3105E+03 | -1.5756E+03 |
| 11.4 | 1.5255E+03 | -1.7398E+03 | 1.5066E+03 | -1.6380E+03 |
| 11.5 | 1.7485E+03 | -1.8035E+03 | 1.7227E+03 | -1.6952E+03 |
| 11.6 | 1.9939E+03 | -1.8606E+03 | 1.9603E+03 | -1.7455E+03 |
| 11.7 | 2.2631E+03 | -1.9092E+03 | 2.2208E+03 | -1.7873E+03 |
| 11.8 | 2.5578E+03 | -1.9474E+03 | 2.5058E+03 | -1.8186E+03 |
| 11.9 | 2.8796E+03 | -1.9728E+03 | 2.8166E+03 | -1.8372E+03 |
| 12.0 | 3.2299E+03 | -1.9830E+03 | 3.1550E+03 | -1.8406E+03 |
| 12.1 | 3.6106E+03 | -1.9751E+03 | 3.5223E+03 | -1.8260E+03 |
| 12.2 | 4.0232E+03 | -1.9459E+03 | 3.9201E+03 | -1.7904E+03 |
| 12.3 | 4.4692E+03 | -1.8920E+03 | 4.3500E+03 | -1.7302E+03 |
| 12.4 | 4.9501E+03 | -1.8093E+03 | 4.8131E+03 | -1.6417E+03 |
| 12.5 | 5.4674E+03 | -1.6935E+03 | 5.3111E+03 | -1.5206E+03 |
| 12.6 | 6.0225E+03 | -1.5399E+03 | 5.8449E+03 | -1.3623E+03 |
| 12.7 | 6.6164E+03 | -1.3431E+03 | 6.4157E+03 | -1.1617E+03 |
| 12.8 | 7.2502E+03 | -1.0975E+03 | 7.0244E+03 | -9.1306E+02 |
| 12.9 | 7.9246E+03 | -7.9662E+02 | 7.6717E+03 | -6.1034E+02 |
| 13.0 | 8.6401E+03 | -4.3363E+02 | 8.3578E+03 | -2.4679E+02 |
| 13.1 | 9.3969E+03 | -9.6838E-01 | 9.0829E+03 | 1.8490E+02 |
| 13.2 | 1.0195E+04 | 5.0953E+02 | 9.8466E+03 | 6.9266E+02 |
| 13.3 | 1.1033E+04 | 1.1067E+03 | 1.0648E+04 | 1.2851E+03 |
| 13.4 | 1.1910E+04 | 1.8003E+03 | 1.1486E+04 | 1.9715E+03 |
| 13.5 | 1.2824E+04 | 2.6004E+03 | 1.2359E+04 | 2.7620E+03 |
| 13.6 | 1.3773E+04 | 3.5184E+03 | 1.3263E+04 | 3.6672E+03 |
| 13.7 | 1.4754E+04 | 4.5660E+03 | 1.4196E+04 | 4.6987E+03 |
| 13.8 | 1.5761E+04 | 5.7562E+03 | 1.5153E+04 | 5.8691E+03 |
| 13.9 | 1.6789E+04 | 7.1026E+03 | 1.6129E+04 | 7.1913E+03 |
| 14.0 | 1.7833E+04 | 8.6197E+03 | 1.7116E+04 | 8.6796E+03 |
| 14.1 | 1.8883E+04 | 1.0323E+04 | 1.8108E+04 | 1.0349E+04 |
| 14.2 | 1.9931E+04 | 1.2229E+04 | 1.9095E+04 | 1.2214E+04 |
| 14.3 | 2.0965E+04 | 1.4354E+04 | 2.0065E+04 | 1.4293E+04 |
| 14.4 | 2.1972E+04 | 1.6717E+04 | 2.1005E+04 | 1.6603E+04 |
| 14.5 | 2.2937E+04 | 1.9337E+04 | 2.1901E+04 | 1.9162E+04 |
| 14.6 | 2.3843E+04 | 2.2233E+04 | 2.2736E+04 | 2.1988E+04 |
| 14.7 | 2.4669E+04 | 2.5426E+04 | 2.3489E+04 | 2.5102E+04 |
| 14.8 | 2.5393E+04 | 2.8937E+04 | 2.4139E+04 | 2.8524E+04 |
| 14.9 | 2.5989E+04 | 3.2787E+04 | 2.4659E+04 | 3.2275E+04 |
| 15.0 | 2.6426E+04 | 3.7000E+04 | 2.5020E+04 | 3.6376E+04 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | 2.6426E+04 | 3.7000E+04 | 2.5020E+04 | 3.6376E+04 |
| 15.1 | 2.6673E+04 | 4.1598E+04 | 2.5191E+04 | 4.0849E+04 |
| 15.2 | 2.6692E+04 | 4.6602E+04 | 2.5134E+04 | 4.5715E+04 |
| 15.3 | 2.6440E+04 | 5.2036E+04 | 2.4809E+04 | 5.0995E+04 |
| 15.4 | 2.5873E+04 | 5.7923E+04 | 2.4170E+04 | 5.6712E+04 |
| 15.5 | 2.4937E+04 | 6.4283E+04 | 2.3166E+04 | 6.2885E+04 |
| 15.6 | 2.3577E+04 | 7.1138E+04 | 2.1742E+04 | 6.9535E+04 |
| 15.7 | 2.1728E+04 | 7.8507E+04 | 1.9835E+04 | 7.6679E+04 |
| 15.8 | 1.9320E+04 | 8.6409E+04 | 1.7378E+04 | 8.4334E+04 |
| 15.9 | 1.6277E+04 | 9.4857E+04 | 1.4295E+04 | 9.2514E+04 |
| 16.0 | 1.2515E+04 | 1.0387E+05 | 1.0503E+04 | 1.0123E+05 |
| 16.1 | 7.9413E+03 | 1.1344E+05 | 5.9132E+03 | 1.1049E+05 |
| 16.2 | 2.4551E+03 | 1.2360E+05 | 4.2664E+02 | 1.2030E+05 |
| 16.3 | -4.0529E+03 | 1.3432E+05 | -6.0634E+03 | 1.3066E+05 |
| 16.4 | -1.1702E+04 | 1.4562E+05 | -1.3673E+04 | 1.4156E+05 |
| 16.5 | -2.0622E+04 | 1.5747E+05 | -2.2529E+04 | 1.5298E+05 |
| 16.6 | -3.0950E+04 | 1.6985E+05 | -3.2766E+04 | 1.6490E+05 |
| 16.7 | -4.2839E+04 | 1.8274E+05 | -4.4531E+04 | 1.7730E+05 |
| 16.8 | -5.6449E+04 | 1.9609E+05 | -5.7981E+04 | 1.9013E+05 |
| 16.9 | -7.1955E+04 | 2.0985E+05 | -7.3285E+04 | 2.0334E+05 |
| 17.0 | -8.9541E+04 | 2.2396E+05 | -9.0624E+04 | 2.1685E+05 |
| 17.1 | -1.0940E+05 | 2.3832E+05 | -1.1019E+05 | 2.3059E+05 |
| 17.2 | -1.3176E+05 | 2.5284E+05 | -1.3219E+05 | 2.4446E+05 |
| 17.3 | -1.5682E+05 | 2.6740E+05 | -1.5683E+05 | 2.5833E+05 |
| 17.4 | -1.8484E+05 | 2.8185E+05 | -1.8435E+05 | 2.7205E+05 |
| 17.5 | -2.1604E+05 | 2.9603E+05 | -2.1500E+05 | 2.8547E+05 |
| 17.6 | -2.5071E+05 | 3.0973E+05 | -2.4901E+05 | 2.9839E+05 |
| 17.7 | -2.8911E+05 | 3.2273E+05 | -2.8665E+05 | 3.1058E+05 |
| 17.8 | -3.3151E+05 | 3.3476E+05 | -3.2821E+05 | 3.2177E+05 |
| 17.9 | -3.7823E+05 | 3.4553E+05 | -3.7396E+05 | 3.3169E+05 |
| 18.0 | -4.2956E+05 | 3.5469E+05 | -4.2419E+05 | 3.3997E+05 |
| 18.1 | -4.8580E+05 | 3.6186E+05 | -4.7922E+05 | 3.4625E+05 |
| 18.2 | -5.4729E+05 | 3.6659E+05 | -5.3933E+05 | 3.5009E+05 |
| 18.3 | -6.1433E+05 | 3.6839E+05 | -6.0484E+05 | 3.5100E+05 |
| 18.4 | -6.8726E+05 | 3.6670E+05 | -6.7607E+05 | 3.4843E+05 |
| 18.5 | -7.6638E+05 | 3.6091E+05 | -7.5330E+05 | 3.4179E+05 |
| 18.6 | -8.5202E+05 | 3.5033E+05 | -8.3685E+05 | 3.3037E+05 |
| 18.7 | -9.4447E+05 | 3.3418E+05 | -9.2701E+05 | 3.1345E+05 |
| 18.8 | -1.0440E+06 | 3.1162E+05 | -1.0240E+06 | 2.9017E+05 |
| 18.9 | -1.1509E+06 | 2.8171E+05 | -1.1282E+06 | 2.5961E+05 |
| 19.0 | -1.2655E+06 | 2.4341E+05 | -1.2397E+06 | 2.2076E+05 |
| 19.1 | -1.3878E+06 | 1.9558E+05 | -1.3587E+06 | 1.7251E+05 |
| 19.2 | -1.5181E+06 | 1.3698E+05 | -1.4854E+06 | 1.1363E+05 |
| 19.3 | -1.6565E+06 | 6.6244E+04 | -1.6199E+06 | 4.2778E+04 |
| 19.4 | -1.8029E+06 | -1.8116E+04 | -1.7622E+06 | -4.1494E+04 |
| 19.5 | -1.9575E+06 | -1.1772E+05 | -1.9122E+06 | -1.4078E+05 |
| 19.6 | -2.1200E+06 | -2.3433E+05 | -2.0698E+06 | -2.5679E+05 |
| 19.7 | -2.2902E+06 | -3.6983E+05 | -2.2347E+06 | -3.9139E+05 |
| 19.8 | -2.4678E+06 | -5.2630E+05 | -2.4066E+06 | -5.4659E+05 |
| 19.9 | -2.6522E+06 | -7.0593E+05 | -2.5850E+06 | -7.2455E+05 |
| 20.0 | -2.8428E+06 | -9.1111E+05 | -2.7692E+06 | -9.2760E+05 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|-----|-------------|------------|-------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 0.0000E-01 | 0.0000E-01 |
| 0.1 | 1.0009E+00 | 2.3502E-03 | 4.0941E-02 | 2.8739E-02 |
| 0.2 | 1.0034E+00 | 9.4130E-03 | 8.1785E-02 | 5.7841E-02 |
| 0.3 | 1.0076E+00 | 2.1224E-02 | 1.2243E-01 | 8.7667E-02 |
| 0.4 | 1.0134E+00 | 3.7844E-02 | 1.6277E-01 | 1.1858E-01 |
| 0.5 | 1.0206E+00 | 5.9355E-02 | 2.0268E-01 | 1.5095E-01 |
| 0.6 | 1.0292E+00 | 8.5864E-02 | 2.4205E-01 | 1.8513E-01 |
| 0.7 | 1.0390E+00 | 1.1750E-01 | 2.8072E-01 | 2.2149E-01 |
| 0.8 | 1.0497E+00 | 1.5441E-01 | 3.1852E-01 | 2.6040E-01 |
| 0.9 | 1.0612E+00 | 1.9676E-01 | 3.5528E-01 | 3.0223E-01 |
| 1.0 | 1.0732E+00 | 2.4474E-01 | 3.9078E-01 | 3.4734E-01 |
| 1.1 | 1.0853E+00 | 2.9856E-01 | 4.2478E-01 | 3.9609E-01 |
| 1.2 | 1.0972E+00 | 3.5844E-01 | 4.5700E-01 | 4.4885E-01 |
| 1.3 | 1.1085E+00 | 4.2460E-01 | 4.8714E-01 | 5.0599E-01 |
| 1.4 | 1.1188E+00 | 4.9730E-01 | 5.1483E-01 | 5.6785E-01 |
| 1.5 | 1.1275E+00 | 5.7678E-01 | 5.3970E-01 | 6.3480E-01 |
| 1.6 | 1.1342E+00 | 6.6330E-01 | 5.6128E-01 | 7.0717E-01 |
| 1.7 | 1.1382E+00 | 7.5711E-01 | 5.7909E-01 | 7.8529E-01 |
| 1.8 | 1.1388E+00 | 8.5846E-01 | 5.9257E-01 | 8.6948E-01 |
| 1.9 | 1.1352E+00 | 9.6761E-01 | 6.0112E-01 | 9.6005E-01 |
| 2.0 | 1.1268E+00 | 1.0848E+00 | 6.0405E-01 | 1.0573E+00 |
| 2.1 | 1.1126E+00 | 1.2102E+00 | 6.0062E-01 | 1.1614E+00 |
| 2.2 | 1.0917E+00 | 1.3440E+00 | 5.9001E-01 | 1.2726E+00 |
| 2.3 | 1.0629E+00 | 1.4864E+00 | 5.7134E-01 | 1.3912E+00 |
| 2.4 | 1.0253E+00 | 1.6375E+00 | 5.4362E-01 | 1.5171E+00 |
| 2.5 | 9.7753E-01 | 1.7973E+00 | 5.0580E-01 | 1.6506E+00 |
| 2.6 | 9.1835E-01 | 1.9659E+00 | 4.5673E-01 | 1.7917E+00 |
| 2.7 | 8.4634E-01 | 2.1432E+00 | 3.9517E-01 | 1.9402E+00 |
| 2.8 | 7.6000E-01 | 2.3291E+00 | 3.1979E-01 | 2.0961E+00 |
| 2.9 | 6.5772E-01 | 2.5232E+00 | 2.2916E-01 | 2.2592E+00 |
| 3.0 | 5.3779E-01 | 2.7253E+00 | 1.2176E-01 | 2.4290E+00 |
| 3.1 | 3.9840E-01 | 2.9350E+00 | -4.0456E-03 | 2.6052E+00 |
| 3.2 | 2.3761E-01 | 3.1515E+00 | -1.4999E-01 | 2.7873E+00 |
| 3.3 | 5.3387E-02 | 3.3741E+00 | -3.1789E-01 | 2.9743E+00 |
| 3.4 | -1.5641E-01 | 3.6019E+00 | -5.0970E-01 | 3.1656E+00 |
| 3.5 | -3.9402E-01 | 3.8338E+00 | -7.2743E-01 | 3.3599E+00 |
| 3.6 | -6.6181E-01 | 4.0685E+00 | -9.7321E-01 | 3.5560E+00 |
| 3.7 | -9.6223E-01 | 4.3042E+00 | -1.2493E+00 | 3.7524E+00 |
| 3.8 | -1.2978E+00 | 4.5393E+00 | -1.5579E+00 | 3.9473E+00 |
| 3.9 | -1.6712E+00 | 4.7714E+00 | -1.9014E+00 | 4.1387E+00 |
| 4.0 | -2.0850E+00 | 4.9983E+00 | -2.2823E+00 | 4.3243E+00 |
| 4.1 | -2.5421E+00 | 5.2171E+00 | -2.7031E+00 | 4.5013E+00 |
| 4.2 | -3.0451E+00 | 5.4245E+00 | -3.1662E+00 | 4.6667E+00 |
| 4.3 | -3.5971E+00 | 5.6171E+00 | -3.6743E+00 | 4.8172E+00 |
| 4.4 | -4.2007E+00 | 5.7908E+00 | -4.2299E+00 | 4.9489E+00 |
| 4.5 | -4.8587E+00 | 5.9411E+00 | -4.8354E+00 | 5.0576E+00 |
| 4.6 | -5.5739E+00 | 6.0630E+00 | -5.4933E+00 | 5.1384E+00 |
| 4.7 | -6.3490E+00 | 6.1508E+00 | -6.2060E+00 | 5.1862E+00 |
| 4.8 | -7.1864E+00 | 6.1985E+00 | -6.9757E+00 | 5.1951E+00 |
| 4.9 | -8.0885E+00 | 6.1994E+00 | -7.8044E+00 | 5.1586E+00 |
| 5.0 | -9.0574E+00 | 6.1458E+00 | -8.6940E+00 | 5.0698E+00 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | -9.0574E+00 | 6.1458E+00 | -8.6940E+00 | 5.0698E+00 |
| 5.1 | -1.0095E+01 | 6.0298E+00 | -9.6460E+00 | 4.9210E+00 |
| 5.2 | -1.1203E+01 | 5.8424E+00 | -1.0662E+01 | 4.7038E+00 |
| 5.3 | -1.2382E+01 | 5.5740E+00 | -1.1742E+01 | 4.4090E+00 |
| 5.4 | -1.3632E+01 | 5.2141E+00 | -1.2886E+01 | 4.0268E+00 |
| 5.5 | -1.4955E+01 | 4.7515E+00 | -1.4096E+01 | 3.5466E+00 |
| 5.6 | -1.6348E+01 | 4.1740E+00 | -1.5369E+01 | 2.9568E+00 |
| 5.7 | -1.7811E+01 | 3.4684E+00 | -1.6703E+01 | 2.2452E+00 |
| 5.8 | -1.9341E+01 | 2.6209E+00 | -1.8097E+01 | 1.3985E+00 |
| 5.9 | -2.0935E+01 | 1.6164E+00 | -1.9547E+01 | 4.0276E-01 |
| 6.0 | -2.2588E+01 | 4.3902E-01 | -2.1048E+01 | -7.5702E-01 |
| 6.1 | -2.4294E+01 | -9.2799E-01 | -2.2594E+01 | -2.0967E+00 |
| 6.2 | -2.6046E+01 | -2.5025E+00 | -2.4178E+01 | -3.6330E+00 |
| 6.3 | -2.7835E+01 | -4.3032E+00 | -2.5791E+01 | -5.3834E+00 |
| 6.4 | -2.9650E+01 | -6.3498E+00 | -2.7422E+01 | -7.3665E+00 |
| 6.5 | -3.1478E+01 | -8.6628E+00 | -2.9059E+01 | -9.6014E+00 |
| 6.6 | -3.3304E+01 | -1.1264E+01 | -3.0686E+01 | -1.2108E+01 |
| 6.7 | -3.5110E+01 | -1.4174E+01 | -3.2287E+01 | -1.4907E+01 |
| 6.8 | -3.6876E+01 | -1.7417E+01 | -3.3842E+01 | -1.8020E+01 |
| 6.9 | -3.8579E+01 | -2.1016E+01 | -3.5327E+01 | -2.1468E+01 |
| 7.0 | -4.0192E+01 | -2.4995E+01 | -3.6718E+01 | -2.5274E+01 |
| 7.1 | -4.1685E+01 | -2.9377E+01 | -3.7985E+01 | -2.9459E+01 |
| 7.2 | -4.3024E+01 | -3.4187E+01 | -3.9096E+01 | -3.4046E+01 |
| 7.3 | -4.4171E+01 | -3.9448E+01 | -4.0013E+01 | -3.9057E+01 |
| 7.4 | -4.5084E+01 | -4.5183E+01 | -4.0696E+01 | -4.4513E+01 |
| 7.5 | -4.5715E+01 | -5.1416E+01 | -4.1100E+01 | -5.0435E+01 |
| 7.6 | -4.6013E+01 | -5.8168E+01 | -4.1174E+01 | -5.6842E+01 |
| 7.7 | -4.5920E+01 | -6.5458E+01 | -4.0863E+01 | -6.3753E+01 |
| 7.8 | -4.5372E+01 | -7.3306E+01 | -4.0105E+01 | -7.1183E+01 |
| 7.9 | -4.4300E+01 | -8.1726E+01 | -3.8835E+01 | -7.9146E+01 |
| 8.0 | -4.2629E+01 | -9.0731E+01 | -3.6980E+01 | -8.7653E+01 |
| 8.1 | -4.0275E+01 | -1.0033E+02 | -3.4459E+01 | -9.6711E+01 |
| 8.2 | -3.7149E+01 | -1.1053E+02 | -3.1188E+01 | -1.0632E+02 |
| 8.3 | -3.3154E+01 | -1.2133E+02 | -2.7073E+01 | -1.1649E+02 |
| 8.4 | -2.8185E+01 | -1.3272E+02 | -2.2014E+01 | -1.2719E+02 |
| 8.5 | -2.2131E+01 | -1.4468E+02 | -1.5905E+01 | -1.3843E+02 |
| 8.6 | -1.4870E+01 | -1.5721E+02 | -8.6288E+00 | -1.5017E+02 |
| 8.7 | -6.2737E+00 | -1.7026E+02 | -6.3659E-02 | -1.6238E+02 |
| 8.8 | 3.7948E+00 | -1.8381E+02 | 9.9216E+00 | -1.7503E+02 |
| 8.9 | 1.5481E+01 | -1.9778E+02 | 2.1465E+01 | -1.8807E+02 |
| 9.0 | 2.8938E+01 | -2.1213E+02 | 3.4714E+01 | -2.0141E+02 |
| 9.1 | 4.4328E+01 | -2.2677E+02 | 4.9822E+01 | -2.1499E+02 |
| 9.2 | 6.1821E+01 | -2.4160E+02 | 6.6950E+01 | -2.2872E+02 |
| 9.3 | 8.1595E+01 | -2.5652E+02 | 8.6268E+01 | -2.4247E+02 |
| 9.4 | 1.0383E+02 | -2.7138E+02 | 1.0795E+02 | -2.5612E+02 |
| 9.5 | 1.2873E+02 | -2.8604E+02 | 1.3217E+02 | -2.6952E+02 |
| 9.6 | 1.5647E+02 | -3.0031E+02 | 1.5913E+02 | -2.8248E+02 |
| 9.7 | 1.8727E+02 | -3.1399E+02 | 1.8901E+02 | -2.9481E+02 |
| 9.8 | 2.2132E+02 | -3.2684E+02 | 2.2200E+02 | -3.0628E+02 |
| 9.9 | 2.5884E+02 | -3.3861E+02 | 2.5830E+02 | -3.1663E+02 |
| 10.0 | 3.0003E+02 | -3.4898E+02 | 2.9809E+02 | -3.2556E+02 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | 3.0003E+02 | -3.4898E+02 | 2.9809E+02 | -3.2556E+02 |
| 10.1 | 3.4509E+02 | -3.5763E+02 | 3.4159E+02 | -3.3276E+02 |
| 10.2 | 3.9423E+02 | -3.6418E+02 | 3.8895E+02 | -3.3785E+02 |
| 10.3 | 4.4764E+02 | -3.6822E+02 | 4.4038E+02 | -3.4043E+02 |
| 10.4 | 5.0549E+02 | -3.6927E+02 | 4.9603E+02 | -3.4005E+02 |
| 10.5 | 5.6796E+02 | -3.6685E+02 | 5.5607E+02 | -3.3623E+02 |
| 10.6 | 6.3521E+02 | -3.6037E+02 | 6.2062E+02 | -3.2841E+02 |
| 10.7 | 7.0735E+02 | -3.4924E+02 | 6.8980E+02 | -3.1600E+02 |
| 10.8 | 7.8450E+02 | -3.3278E+02 | 7.6370E+02 | -2.9835E+02 |
| 10.9 | 8.6671E+02 | -3.1026E+02 | 8.4237E+02 | -2.7475E+02 |
| 11.0 | 9.5402E+02 | -2.8089E+02 | 9.2582E+02 | -2.4444E+02 |
| 11.1 | 1.0464E+03 | -2.4380E+02 | 1.0140E+03 | -2.0660E+02 |
| 11.2 | 1.1438E+03 | -1.9809E+02 | 1.1069E+03 | -1.6032E+02 |
| 11.3 | 1.2461E+03 | -1.4274E+02 | 1.2043E+03 | -1.0464E+02 |
| 11.4 | 1.3530E+03 | -7.6710E+01 | 1.3060E+03 | -3.8550E+01 |
| 11.5 | 1.4644E+03 | 1.1533E+00 | 1.4118E+03 | 3.9058E+01 |
| 11.6 | 1.5797E+03 | 9.2056E+01 | 1.5211E+03 | 1.2935E+02 |
| 11.7 | 1.6986E+03 | 1.9728E+02 | 1.6336E+03 | 2.3355E+02 |
| 11.8 | 1.8203E+03 | 3.1818E+02 | 1.7486E+03 | 3.5297E+02 |
| 11.9 | 1.9443E+03 | 4.5619E+02 | 1.8654E+03 | 4.8898E+02 |
| 12.0 | 2.0695E+03 | 6.1279E+02 | 1.9831E+03 | 6.4302E+02 |
| 12.1 | 2.1950E+03 | 7.8956E+02 | 2.1008E+03 | 8.1658E+02 |
| 12.2 | 2.3196E+03 | 9.8811E+02 | 2.2170E+03 | 1.0112E+03 |
| 12.3 | 2.4417E+03 | 1.2101E+03 | 2.3306E+03 | 1.2285E+03 |
| 12.4 | 2.5599E+03 | 1.4573E+03 | 2.4398E+03 | 1.4701E+03 |
| 12.5 | 2.6721E+03 | 1.7314E+03 | 2.5428E+03 | 1.7378E+03 |
| 12.6 | 2.7764E+03 | 2.0343E+03 | 2.6375E+03 | 2.0331E+03 |
| 12.7 | 2.8702E+03 | 2.3677E+03 | 2.7216E+03 | 2.3578E+03 |
| 12.8 | 2.9508E+03 | 2.7334E+03 | 2.7923E+03 | 2.7137E+03 |
| 12.9 | 3.0153E+03 | 3.1332E+03 | 2.8468E+03 | 3.1023E+03 |
| 13.0 | 3.0601E+03 | 3.5688E+03 | 2.8816E+03 | 3.5253E+03 |
| 13.1 | 3.0816E+03 | 4.0418E+03 | 2.8931E+03 | 3.9843E+03 |
| 13.2 | 3.0756E+03 | 4.5539E+03 | 2.8772E+03 | 4.4806E+03 |
| 13.3 | 3.0374E+03 | 5.1064E+03 | 2.8294E+03 | 5.0157E+03 |
| 13.4 | 2.9620E+03 | 5.7006E+03 | 2.7447E+03 | 5.5906E+03 |
| 13.5 | 2.8438E+03 | 6.3375E+03 | 2.6178E+03 | 6.2062E+03 |
| 13.6 | 2.6768E+03 | 7.0179E+03 | 2.4428E+03 | 6.8633E+03 |
| 13.7 | 2.4544E+03 | 7.7422E+03 | 2.2132E+03 | 7.5622E+03 |
| 13.8 | 2.1694E+03 | 8.5106E+03 | 1.9220E+03 | 8.3028E+03 |
| 13.9 | 1.8141E+03 | 9.3228E+03 | 1.5618E+03 | 9.0848E+03 |
| 14.0 | 1.3802E+03 | 1.0178E+04 | 1.1245E+03 | 9.9072E+03 |
| 14.1 | 8.5876E+02 | 1.1074E+04 | 6.0134E+02 | 1.0768E+04 |
| 14.2 | 2.4015E+02 | 1.2010E+04 | -1.6926E+01 | 1.1666E+04 |
| 14.3 | -4.8584E+02 | 1.2983E+04 | -7.4023E+02 | 1.2598E+04 |
| 14.4 | -1.3301E+03 | 1.3988E+04 | -1.5791E+03 | 1.3560E+04 |
| 14.5 | -2.3040E+03 | 1.5021E+04 | -2.5446E+03 | 1.4547E+04 |
| 14.6 | -3.4199E+03 | 1.6077E+04 | -3.6486E+03 | 1.5554E+04 |
| 14.7 | -4.6904E+03 | 1.7148E+04 | -4.9034E+03 | 1.6573E+04 |
| 14.8 | -6.1290E+03 | 1.8227E+04 | -6.3219E+03 | 1.7597E+04 |
| 14.9 | -7.7495E+03 | 1.9302E+04 | -7.9176E+03 | 1.8615E+04 |
| 15.0 | -9.5664E+03 | 2.0364E+04 | -9.7042E+03 | 1.9616E+04 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | -9.5664E+03 | 2.0364E+04 | -9.7042E+03 | 1.9616E+04 |
| 15.1 | -1.1595E+04 | 2.1398E+04 | -1.1696E+04 | 2.0587E+04 |
| 15.2 | -1.3849E+04 | 2.2390E+04 | -1.3909E+04 | 2.1514E+04 |
| 15.3 | -1.6346E+04 | 2.3321E+04 | -1.6356E+04 | 2.2378E+04 |
| 15.4 | -1.9101E+04 | 2.4173E+04 | -1.9053E+04 | 2.3160E+04 |
| 15.5 | -2.2130E+04 | 2.4922E+04 | -2.2016E+04 | 2.3838E+04 |
| 15.6 | -2.5448E+04 | 2.5544E+04 | -2.5258E+04 | 2.4388E+04 |
| 15.7 | -2.9071E+04 | 2.6010E+04 | -2.8796E+04 | 2.4781E+04 |
| 15.8 | -3.3013E+04 | 2.6289E+04 | -3.2643E+04 | 2.4988E+04 |
| 15.9 | -3.7290E+04 | 2.6347E+04 | -3.6811E+04 | 2.4973E+04 |
| 16.0 | -4.1913E+04 | 2.6144E+04 | -4.1315E+04 | 2.4699E+04 |
| 16.1 | -4.6895E+04 | 2.5639E+04 | -4.6164E+04 | 2.4125E+04 |
| 16.2 | -5.2247E+04 | 2.4784E+04 | -5.1368E+04 | 2.3204E+04 |
| 16.3 | -5.7975E+04 | 2.3530E+04 | -5.6935E+04 | 2.1888E+04 |
| 16.4 | -6.4087E+04 | 2.1820E+04 | -6.2868E+04 | 2.0121E+04 |
| 16.5 | -7.0584E+04 | 1.9593E+04 | -6.9171E+04 | 1.7845E+04 |
| 16.6 | -7.7465E+04 | 1.6786E+04 | -7.5840E+04 | 1.4996E+04 |
| 16.7 | -8.4726E+04 | 1.3326E+04 | -8.2871E+04 | 1.1504E+04 |
| 16.8 | -9.2357E+04 | 9.1376E+03 | -9.0253E+04 | 7.2960E+03 |
| 16.9 | -1.0034E+05 | 4.1396E+03 | -9.7969E+04 | 2.2919E+03 |
| 17.0 | -1.0866E+05 | -1.7556E+03 | -1.0600E+05 | -3.5931E+03 |
| 17.1 | -1.1729E+05 | -8.6408E+03 | -1.1431E+05 | -1.0450E+04 |
| 17.2 | -1.2618E+05 | -1.6615E+04 | -1.2287E+05 | -1.8374E+04 |
| 17.3 | -1.3529E+05 | -2.5782E+04 | -1.3163E+05 | -2.7467E+04 |
| 17.4 | -1.4457E+05 | -3.6253E+04 | -1.4054E+05 | -3.7837E+04 |
| 17.5 | -1.5395E+05 | -4.8142E+04 | -1.4952E+05 | -4.9595E+04 |
| 17.6 | -1.6335E+05 | -6.1571E+04 | -1.5850E+05 | -6.2858E+04 |
| 17.7 | -1.7267E+05 | -7.6665E+04 | -1.6738E+05 | -7.7748E+04 |
| 17.8 | -1.8181E+05 | -9.3554E+04 | -1.7606E+05 | -9.4390E+04 |
| 17.9 | -1.9065E+05 | -1.1237E+05 | -1.8441E+05 | -1.1291E+05 |
| 18.0 | -1.9902E+05 | -1.3325E+05 | -1.9229E+05 | -1.3345E+05 |
| 18.1 | -2.0678E+05 | -1.5634E+05 | -1.9954E+05 | -1.5614E+05 |
| 18.2 | -2.1374E+05 | -1.8177E+05 | -2.0597E+05 | -1.8111E+05 |
| 18.3 | -2.1968E+05 | -2.0968E+05 | -2.1137E+05 | -2.0849E+05 |
| 18.4 | -2.2436E+05 | -2.4022E+05 | -2.1551E+05 | -2.3842E+05 |
| 18.5 | -2.2754E+05 | -2.7351E+05 | -2.1814E+05 | -2.7103E+05 |
| 18.6 | -2.2891E+05 | -3.0969E+05 | -2.1895E+05 | -3.0645E+05 |
| 18.7 | -2.2814E+05 | -3.4887E+05 | -2.1764E+05 | -3.4477E+05 |
| 18.8 | -2.2489E+05 | -3.9118E+05 | -2.1386E+05 | -3.8612E+05 |
| 18.9 | -2.1875E+05 | -4.3669E+05 | -2.0720E+05 | -4.3058E+05 |
| 19.0 | -2.0929E+05 | -4.8551E+05 | -1.9726E+05 | -4.7822E+05 |
| 19.1 | -1.9604E+05 | -5.3769E+05 | -1.8356E+05 | -5.2911E+05 |
| 19.2 | -1.7849E+05 | -5.9326E+05 | -1.6560E+05 | -5.8327E+05 |
| 19.3 | -1.5607E+05 | -6.5224E+05 | -1.4283E+05 | -6.4070E+05 |
| 19.4 | -1.2818E+05 | -7.1460E+05 | -1.1466E+05 | -7.0137E+05 |
| 19.5 | -9.4169E+04 | -7.8027E+05 | -8.0451E+04 | -7.6521E+05 |
| 19.6 | -5.3335E+04 | -8.4915E+05 | -3.9516E+04 | -8.3211E+05 |
| 19.7 | -4.9278E+03 | -9.2106E+05 | 8.8779E+03 | -9.0189E+05 |
| 19.8 | 5.1856E+04 | -9.9580E+05 | 6.5516E+04 | -9.7433E+05 |
| 19.9 | 1.1787E+05 | -1.0731E+06 | 1.3123E+05 | -1.0491E+06 |
| 20.0 | 1.9402E+05 | -1.1525E+06 | 2.0691E+05 | -1.1259E+06 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|-----|-------------|------------|-------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 0.0000E-01 | 0.0000E-01 |
| 0.1 | 1.0004E+00 | 2.4626E-03 | 3.8271E-02 | 3.2193E-02 |
| 0.2 | 1.0017E+00 | 9.8566E-03 | 7.6354E-02 | 6.4711E-02 |
| 0.3 | 1.0038E+00 | 2.2201E-02 | 1.1406E-01 | 9.7877E-02 |
| 0.4 | 1.0066E+00 | 3.9528E-02 | 1.5118E-01 | 1.3201E-01 |
| 0.5 | 1.0099E+00 | 6.1879E-02 | 1.8753E-01 | 1.6743E-01 |
| 0.6 | 1.0137E+00 | 8.9308E-02 | 2.2287E-01 | 2.0446E-01 |
| 0.7 | 1.0177E+00 | 1.2188E-01 | 2.5699E-01 | 2.4339E-01 |
| 0.8 | 1.0217E+00 | 1.5966E-01 | 2.8962E-01 | 2.8452E-01 |
| 0.9 | 1.0254E+00 | 2.0273E-01 | 3.2050E-01 | 3.2816E-01 |
| 1.0 | 1.0285E+00 | 2.5117E-01 | 3.4934E-01 | 3.7458E-01 |
| 1.1 | 1.0307E+00 | 3.0505E-01 | 3.7581E-01 | 4.2404E-01 |
| 1.2 | 1.0314E+00 | 3.6447E-01 | 3.9957E-01 | 4.7680E-01 |
| 1.3 | 1.0304E+00 | 4.2950E-01 | 4.2025E-01 | 5.3309E-01 |
| 1.4 | 1.0271E+00 | 5.0019E-01 | 4.3743E-01 | 5.9312E-01 |
| 1.5 | 1.0210E+00 | 5.7662E-01 | 4.5067E-01 | 6.5709E-01 |
| 1.6 | 1.0115E+00 | 6.5881E-01 | 4.5948E-01 | 7.2516E-01 |
| 1.7 | 9.9796E-01 | 7.4679E-01 | 4.6333E-01 | 7.9746E-01 |
| 1.8 | 9.7973E-01 | 8.4055E-01 | 4.6166E-01 | 8.7408E-01 |
| 1.9 | 9.5608E-01 | 9.4004E-01 | 4.5387E-01 | 9.5508E-01 |
| 2.0 | 9.2622E-01 | 1.0452E+00 | 4.3929E-01 | 1.0405E+00 |
| 2.1 | 8.8933E-01 | 1.1559E+00 | 4.1724E-01 | 1.1302E+00 |
| 2.2 | 8.4454E-01 | 1.2719E+00 | 3.8696E-01 | 1.2242E+00 |
| 2.3 | 7.9092E-01 | 1.3931E+00 | 3.4766E-01 | 1.3223E+00 |
| 2.4 | 7.2748E-01 | 1.5191E+00 | 2.9852E-01 | 1.4243E+00 |
| 2.5 | 6.5321E-01 | 1.6495E+00 | 2.3865E-01 | 1.5298E+00 |
| 2.6 | 5.6702E-01 | 1.7840E+00 | 1.6713E-01 | 1.6384E+00 |
| 2.7 | 4.6780E-01 | 1.9218E+00 | 8.2999E-02 | 1.7498E+00 |
| 2.8 | 3.5440E-01 | 2.0625E+00 | -1.4749E-02 | 1.8632E+00 |
| 2.9 | 2.2561E-01 | 2.2051E+00 | -1.2715E-01 | 1.9780E+00 |
| 3.0 | 8.0223E-02 | 2.3489E+00 | -2.5526E-01 | 2.0933E+00 |
| 3.1 | -8.3025E-02 | 2.4927E+00 | -4.0017E-01 | 2.2083E+00 |
| 3.2 | -2.6540E-01 | 2.6353E+00 | -5.6298E-01 | 2.3217E+00 |
| 3.3 | -4.6817E-01 | 2.7755E+00 | -7.4480E-01 | 2.4323E+00 |
| 3.4 | -6.9263E-01 | 2.9117E+00 | -9.4675E-01 | 2.5388E+00 |
| 3.5 | -9.4002E-01 | 3.0422E+00 | -1.1699E+00 | 2.6395E+00 |
| 3.6 | -1.2116E+00 | 3.1650E+00 | -1.4154E+00 | 2.7326E+00 |
| 3.7 | -1.5086E+00 | 3.2781E+00 | -1.6841E+00 | 2.8161E+00 |
| 3.8 | -1.8320E+00 | 3.3791E+00 | -1.9772E+00 | 2.8879E+00 |
| 3.9 | -2.1831E+00 | 3.4655E+00 | -2.2954E+00 | 2.9455E+00 |
| 4.0 | -2.5627E+00 | 3.5343E+00 | -2.6397E+00 | 2.9862E+00 |
| 4.1 | -2.9717E+00 | 3.5826E+00 | -3.0107E+00 | 3.0072E+00 |
| 4.2 | -3.4107E+00 | 3.6068E+00 | -3.4089E+00 | 3.0053E+00 |
| 4.3 | -3.8804E+00 | 3.6035E+00 | -3.8347E+00 | 2.9770E+00 |
| 4.4 | -4.3810E+00 | 3.5686E+00 | -4.2883E+00 | 2.9188E+00 |
| 4.5 | -4.9126E+00 | 3.4979E+00 | -4.7697E+00 | 2.8265E+00 |
| 4.6 | -5.4750E+00 | 3.3869E+00 | -5.2785E+00 | 2.6960E+00 |
| 4.7 | -6.0677E+00 | 3.2307E+00 | -5.8141E+00 | 2.5228E+00 |
| 4.8 | -6.6898E+00 | 3.0242E+00 | -6.3757E+00 | 2.3019E+00 |
| 4.9 | -7.3400E+00 | 2.7619E+00 | -6.9617E+00 | 2.0284E+00 |
| 5.0 | -8.0165E+00 | 2.4380E+00 | -7.5704E+00 | 1.6969E+00 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | -8.0165E+00 | 2.4380E+00 | -7.5704E+00 | 1.6969E+00 |
| 5.1 | -8.7171E+00 | 2.0466E+00 | -8.1997E+00 | 1.3016E+00 |
| 5.2 | -9.4390E+00 | 1.5812E+00 | -8.8465E+00 | 8.3671E-01 |
| 5.3 | -1.0179E+01 | 1.0352E+00 | -9.5076E+00 | 2.9611E-01 |
| 5.4 | -1.0932E+01 | 4.0194E-01 | -1.0179E+01 | -3.2656E-01 |
| 5.5 | -1.1695E+01 | -3.2574E-01 | -1.0855E+01 | -1.0378E+00 |
| 5.6 | -1.2460E+01 | -1.1550E+00 | -1.1532E+01 | -1.8444E+00 |
| 5.7 | -1.3222E+01 | -2.0933E+00 | -1.2202E+01 | -2.7530E+00 |
| 5.8 | -1.3973E+01 | -3.1480E+00 | -1.2858E+01 | -3.7706E+00 |
| 5.9 | -1.4704E+01 | -4.3264E+00 | -1.3492E+01 | -4.9039E+00 |
| 6.0 | -1.5406E+01 | -5.6362E+00 | -1.4094E+01 | -6.1597E+00 |
| 6.1 | -1.6068E+01 | -7.0844E+00 | -1.4654E+01 | -7.5448E+00 |
| 6.2 | -1.6677E+01 | -8.6783E+00 | -1.5160E+01 | -9.0655E+00 |
| 6.3 | -1.7220E+01 | -1.0424E+01 | -1.5600E+01 | -1.0728E+01 |
| 6.4 | -1.7682E+01 | -1.2329E+01 | -1.5958E+01 | -1.2538E+01 |
| 6.5 | -1.8047E+01 | -1.4399E+01 | -1.6219E+01 | -1.4500E+01 |
| 6.6 | -1.8297E+01 | -1.6638E+01 | -1.6367E+01 | -1.6619E+01 |
| 6.7 | -1.8412E+01 | -1.9050E+01 | -1.6381E+01 | -1.8898E+01 |
| 6.8 | -1.8370E+01 | -2.1640E+01 | -1.6243E+01 | -2.1341E+01 |
| 6.9 | -1.8149E+01 | -2.4408E+01 | -1.5929E+01 | -2.3948E+01 |
| 7.0 | -1.7723E+01 | -2.7356E+01 | -1.5415E+01 | -2.6719E+01 |
| 7.1 | -1.7066E+01 | -3.0483E+01 | -1.4678E+01 | -2.9653E+01 |
| 7.2 | -1.6150E+01 | -3.3785E+01 | -1.3688E+01 | -3.2747E+01 |
| 7.3 | -1.4943E+01 | -3.7258E+01 | -1.2418E+01 | -3.5994E+01 |
| 7.4 | -1.3414E+01 | -4.0893E+01 | -1.0837E+01 | -3.9387E+01 |
| 7.5 | -1.1528E+01 | -4.4682E+01 | -8.9125E+00 | -4.2915E+01 |
| 7.6 | -9.2501E+00 | -4.8609E+01 | -6.6101E+00 | -4.6565E+01 |
| 7.7 | -6.5419E+00 | -5.2659E+01 | -3.8946E+00 | -5.0320E+01 |
| 7.8 | -3.3645E+00 | -5.6812E+01 | -7.2891E-01 | -5.4160E+01 |
| 7.9 | 3.2281E-01 | -6.1042E+01 | 2.9252E+00 | -5.8059E+01 |
| 8.0 | 4.5618E+00 | -6.5320E+01 | 7.1072E+00 | -6.1990E+01 |
| 8.1 | 9.3955E+00 | -6.9613E+01 | 1.1857E+01 | -6.5919E+01 |
| 8.2 | 1.4867E+01 | -7.3881E+01 | 1.7217E+01 | -6.9806E+01 |
| 8.3 | 2.1022E+01 | -7.8079E+01 | 2.3227E+01 | -7.3608E+01 |
| 8.4 | 2.7904E+01 | -8.2154E+01 | 2.9929E+01 | -7.7274E+01 |
| 8.5 | 3.5556E+01 | -8.6050E+01 | 3.7365E+01 | -8.0748E+01 |
| 8.6 | 4.4023E+01 | -8.9699E+01 | 4.5573E+01 | -8.3965E+01 |
| 8.7 | 5.3347E+01 | -9.3029E+01 | 5.4594E+01 | -8.6853E+01 |
| 8.8 | 6.3566E+01 | -9.5959E+01 | 6.4463E+01 | -8.9335E+01 |
| 8.9 | 7.4720E+01 | -9.8397E+01 | 7.5215E+01 | -9.1322E+01 |
| 9.0 | 8.6841E+01 | -1.0025E+02 | 8.6880E+01 | -9.2719E+01 |
| 9.1 | 9.9959E+01 | -1.0140E+02 | 9.9484E+01 | -9.3420E+01 |
| 9.2 | 1.1410E+02 | -1.0173E+02 | 1.1305E+02 | -9.3310E+01 |
| 9.3 | 1.2928E+02 | -1.0111E+02 | 1.2759E+02 | -9.2265E+01 |
| 9.4 | 1.4551E+02 | -9.9413E+01 | 1.4311E+02 | -9.0151E+01 |
| 9.5 | 1.6279E+02 | -9.6475E+01 | 1.5962E+02 | -8.6822E+01 |
| 9.6 | 1.8112E+02 | -9.2139E+01 | 1.7709E+02 | -8.2122E+01 |
| 9.7 | 2.0047E+02 | -8.6231E+01 | 1.9551E+02 | -7.5885E+01 |
| 9.8 | 2.2082E+02 | -7.8568E+01 | 2.1485E+02 | -6.7935E+01 |
| 9.9 | 2.4211E+02 | -6.8953E+01 | 2.3504E+02 | -5.8084E+01 |
| 10.0 | 2.6427E+02 | -5.7180E+01 | 2.5603E+02 | -4.6134E+01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | 2.6427E+02 | -5.7180E+01 | 2.5603E+02 | -4.6134E+01 |
| 10.1 | 2.8723E+02 | -4.3032E+01 | 2.7773E+02 | -3.1877E+01 |
| 10.2 | 3.1088E+02 | -2.6283E+01 | 3.0003E+02 | -1.5096E+01 |
| 10.3 | 3.3509E+02 | -6.6937E+00 | 3.2281E+02 | 4.4352E+00 |
| 10.4 | 3.5971E+02 | 1.5979E+01 | 3.4591E+02 | 2.6950E+01 |
| 10.5 | 3.8456E+02 | 4.1989E+01 | 3.6915E+02 | 5.2690E+01 |
| 10.6 | 4.0942E+02 | 7.1596E+01 | 3.9232E+02 | 8.1901E+01 |
| 10.7 | 4.3405E+02 | 1.0506E+02 | 4.1518E+02 | 1.1483E+02 |
| 10.8 | 4.5817E+02 | 1.4265E+02 | 4.3745E+02 | 1.5173E+02 |
| 10.9 | 4.8145E+02 | 1.8463E+02 | 4.5882E+02 | 1.9286E+02 |
| 11.0 | 5.0354E+02 | 2.3127E+02 | 4.7894E+02 | 2.3846E+02 |
| 11.1 | 5.2403E+02 | 2.8282E+02 | 4.9739E+02 | 2.8877E+02 |
| 11.2 | 5.4246E+02 | 3.3954E+02 | 5.1374E+02 | 3.4403E+02 |
| 11.3 | 5.5833E+02 | 4.0165E+02 | 5.2750E+02 | 4.0446E+02 |
| 11.4 | 5.7109E+02 | 4.6939E+02 | 5.3812E+02 | 4.7025E+02 |
| 11.5 | 5.8011E+02 | 5.4294E+02 | 5.4501E+02 | 5.4159E+02 |
| 11.6 | 5.8473E+02 | 6.2248E+02 | 5.4749E+02 | 6.1864E+02 |
| 11.7 | 5.8421E+02 | 7.0815E+02 | 5.4488E+02 | 7.0150E+02 |
| 11.8 | 5.7775E+02 | 8.0003E+02 | 5.3638E+02 | 7.9027E+02 |
| 11.9 | 5.6449E+02 | 8.9819E+02 | 5.2116E+02 | 8.8496E+02 |
| 12.0 | 5.4351E+02 | 1.0026E+03 | 4.9833E+02 | 9.8555E+02 |
| 12.1 | 5.1379E+02 | 1.1132E+03 | 4.6690E+02 | 1.0920E+03 |
| 12.2 | 4.7429E+02 | 1.2299E+03 | 4.2586E+02 | 1.2040E+03 |
| 12.3 | 4.2386E+02 | 1.3523E+03 | 3.7410E+02 | 1.3215E+03 |
| 12.4 | 3.6130E+02 | 1.4803E+03 | 3.1046E+02 | 1.4441E+03 |
| 12.5 | 2.8534E+02 | 1.6133E+03 | 2.3373E+02 | 1.5713E+03 |
| 12.6 | 1.9465E+02 | 1.7509E+03 | 1.4260E+02 | 1.7026E+03 |
| 12.7 | 8.7830E+01 | 1.8923E+03 | 3.5738E+01 | 1.8373E+03 |
| 12.8 | -3.6569E+01 | 2.0367E+03 | -8.8249E+01 | 1.9746E+03 |
| 12.9 | -1.8005E+02 | 2.1831E+03 | -2.3080E+02 | 2.1134E+03 |
| 13.0 | -3.4415E+02 | 2.3304E+03 | -3.9341E+02 | 2.2527E+03 |
| 13.1 | -5.3046E+02 | 2.4772E+03 | -5.7758E+02 | 2.3911E+03 |
| 13.2 | -7.4057E+02 | 2.6219E+03 | -7.8483E+02 | 2.5270E+03 |
| 13.3 | -9.7611E+02 | 2.7628E+03 | -1.0167E+03 | 2.6587E+03 |
| 13.4 | -1.2387E+03 | 2.8978E+03 | -1.2748E+03 | 2.7841E+03 |
| 13.5 | -1.5299E+03 | 3.0247E+03 | -1.5605E+03 | 2.9011E+03 |
| 13.6 | -1.8512E+03 | 3.1408E+03 | -1.8754E+03 | 3.0070E+03 |
| 13.7 | -2.2042E+03 | 3.2433E+03 | -2.2208E+03 | 3.0991E+03 |
| 13.8 | -2.5903E+03 | 3.3290E+03 | -2.5980E+03 | 3.1742E+03 |
| 13.9 | -3.0107E+03 | 3.3943E+03 | -3.0083E+03 | 3.2289E+03 |
| 14.0 | -3.4667E+03 | 3.4356E+03 | -3.4527E+03 | 3.2594E+03 |
| 14.1 | -3.9590E+03 | 3.4484E+03 | -3.9320E+03 | 3.2616E+03 |
| 14.2 | -4.4886E+03 | 3.4282E+03 | -4.4470E+03 | 3.2309E+03 |
| 14.3 | -5.0558E+03 | 3.3699E+03 | -4.9979E+03 | 3.1625E+03 |
| 14.4 | -5.6609E+03 | 3.2683E+03 | -5.5849E+03 | 3.0512E+03 |
| 14.5 | -6.3036E+03 | 3.1174E+03 | -6.2076E+03 | 2.8912E+03 |
| 14.6 | -6.9834E+03 | 2.9111E+03 | -6.8655E+03 | 2.6765E+03 |
| 14.7 | -7.6991E+03 | 2.6426E+03 | -7.5573E+03 | 2.4005E+03 |
| 14.8 | -8.4492E+03 | 2.3049E+03 | -8.2813E+03 | 2.0565E+03 |
| 14.9 | -9.2314E+03 | 1.8905E+03 | -9.0353E+03 | 1.6372E+03 |
| 15.0 | -1.0043E+04 | 1.3915E+03 | -9.8163E+03 | 1.1348E+03 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | -1.0043E+04 | 1.3915E+03 | -9.8163E+03 | 1.1348E+03 |
| 15.1 | -1.0880E+04 | 7.9957E+02 | -1.0621E+04 | 5.4143E+02 |
| 15.2 | -1.1738E+04 | 1.0613E+02 | -1.1444E+04 | -1.5137E+02 |
| 15.3 | -1.2612E+04 | -6.9784E+02 | -1.2280E+04 | -9.5227E+02 |
| 15.4 | -1.3495E+04 | -1.6216E+03 | -1.3123E+04 | -1.8702E+03 |
| 15.5 | -1.4379E+04 | -2.6747E+03 | -1.3966E+04 | -2.9143E+03 |
| 15.6 | -1.5257E+04 | -3.8668E+03 | -1.4799E+04 | -4.0941E+03 |
| 15.7 | -1.6117E+04 | -5.2077E+03 | -1.5613E+04 | -5.4188E+03 |
| 15.8 | -1.6948E+04 | -6.7074E+03 | -1.6396E+04 | -6.8980E+03 |
| 15.9 | -1.7737E+04 | -8.3756E+03 | -1.7135E+04 | -8.5410E+03 |
| 16.0 | -1.8470E+04 | -1.0222E+04 | -1.7816E+04 | -1.0357E+04 |
| 16.1 | -1.9129E+04 | -1.2256E+04 | -1.8422E+04 | -1.2355E+04 |
| 16.2 | -1.9698E+04 | -1.4486E+04 | -1.8936E+04 | -1.4543E+04 |
| 16.3 | -2.0154E+04 | -1.6921E+04 | -1.9337E+04 | -1.6930E+04 |
| 16.4 | -2.0476E+04 | -1.9568E+04 | -1.9604E+04 | -1.9521E+04 |
| 16.5 | -2.0639E+04 | -2.2434E+04 | -1.9711E+04 | -2.2324E+04 |
| 16.6 | -2.0617E+04 | -2.5524E+04 | -1.9633E+04 | -2.5342E+04 |
| 16.7 | -2.0379E+04 | -2.8842E+04 | -1.9342E+04 | -2.8580E+04 |
| 16.8 | -1.9895E+04 | -3.2390E+04 | -1.8806E+04 | -3.2039E+04 |
| 16.9 | -1.9130E+04 | -3.6168E+04 | -1.7991E+04 | -3.5718E+04 |
| 17.0 | -1.8047E+04 | -4.0174E+04 | -1.6861E+04 | -3.9615E+04 |
| 17.1 | -1.6606E+04 | -4.4403E+04 | -1.5379E+04 | -4.3725E+04 |
| 17.2 | -1.4767E+04 | -4.8847E+04 | -1.3503E+04 | -4.8038E+04 |
| 17.3 | -1.2484E+04 | -5.3494E+04 | -1.1190E+04 | -5.2544E+04 |
| 17.4 | -9.7107E+03 | -5.8329E+04 | -8.3941E+03 | -5.7226E+04 |
| 17.5 | -6.3967E+03 | -6.3333E+04 | -5.0665E+03 | -6.2064E+04 |
| 17.6 | -2.4905E+03 | -6.8480E+04 | -1.1571E+03 | -6.7033E+04 |
| 17.7 | 2.0619E+03 | -7.3741E+04 | 3.3866E+03 | -7.2103E+04 |
| 17.8 | 7.3166E+03 | -7.9079E+04 | 8.6189E+03 | -7.7238E+04 |
| 17.9 | 1.3331E+04 | -8.4451E+04 | 1.4596E+04 | -8.2394E+04 |
| 18.0 | 2.0165E+04 | -8.9808E+04 | 2.1374E+04 | -8.7524E+04 |
| 18.1 | 2.7878E+04 | -9.5092E+04 | 2.9013E+04 | -9.2569E+04 |
| 18.2 | 3.6531E+04 | -1.0024E+05 | 3.7569E+04 | -9.7463E+04 |
| 18.3 | 4.6184E+04 | -1.0517E+05 | 4.7102E+04 | -1.0213E+05 |
| 18.4 | 5.6897E+04 | -1.0980E+05 | 5.7669E+04 | -1.0649E+05 |
| 18.5 | 6.8729E+04 | -1.1404E+05 | 6.9326E+04 | -1.1045E+05 |
| 18.6 | 8.1736E+04 | -1.1777E+05 | 8.2127E+04 | -1.1390E+05 |
| 18.7 | 9.5971E+04 | -1.2089E+05 | 9.6123E+04 | -1.1672E+05 |
| 18.8 | 1.1148E+05 | -1.2325E+05 | 1.1136E+05 | -1.1879E+05 |
| 18.9 | 1.2832E+05 | -1.2472E+05 | 1.2788E+05 | -1.1996E+05 |
| 19.0 | 1.4651E+05 | -1.2513E+05 | 1.4571E+05 | -1.2007E+05 |
| 19.1 | 1.6608E+05 | -1.2432E+05 | 1.6488E+05 | -1.1897E+05 |
| 19.2 | 1.8707E+05 | -1.2210E+05 | 1.8541E+05 | -1.1646E+05 |
| 19.3 | 2.0946E+05 | -1.1826E+05 | 2.0731E+05 | -1.1235E+05 |
| 19.4 | 2.3327E+05 | -1.1259E+05 | 2.3055E+05 | -1.0641E+05 |
| 19.5 | 2.5846E+05 | -1.0484E+05 | 2.5513E+05 | -9.8432E+04 |
| 19.6 | 2.8499E+05 | -9.4781E+04 | 2.8100E+05 | -8.8156E+04 |
| 19.7 | 3.1282E+05 | -8.2134E+04 | 3.0809E+05 | -7.5326E+04 |
| 19.8 | 3.4185E+05 | -6.6618E+04 | 3.3632E+05 | -5.9665E+04 |
| 19.9 | 3.7198E+05 | -4.7937E+04 | 3.6559E+05 | -4.0883E+04 |
| 20.0 | 4.0307E+05 | -2.5776E+04 | 3.9575E+05 | -1.8674E+04 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|-----|-------------|------------|-------------|-------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 0.0000E-01 | 0.0000E-01 |
| 0.1 | 1.0000E+00 | 2.5000E-03 | 3.5311E-02 | 3.5400E-02 |
| 0.2 | 9.9997E-01 | 1.0000E-02 | 7.0357E-02 | 7.1064E-02 |
| 0.3 | 9.9987E-01 | 2.2500E-02 | 1.0487E-01 | 1.0725E-01 |
| 0.4 | 9.9960E-01 | 3.9998E-02 | 1.3857E-01 | 1.4423E-01 |
| 0.5 | 9.9902E-01 | 6.2493E-02 | 1.7120E-01 | 1.8224E-01 |
| 0.6 | 9.9798E-01 | 8.9980E-02 | 2.0244E-01 | 2.2153E-01 |
| 0.7 | 9.9625E-01 | 1.2245E-01 | 2.3202E-01 | 2.6233E-01 |
| 0.8 | 9.9360E-01 | 1.5989E-01 | 2.5962E-01 | 3.0486E-01 |
| 0.9 | 9.8975E-01 | 2.0227E-01 | 2.8491E-01 | 3.4931E-01 |
| 1.0 | 9.8438E-01 | 2.4957E-01 | 3.0756E-01 | 3.9587E-01 |
| 1.1 | 9.7714E-01 | 3.0173E-01 | 3.2720E-01 | 4.4469E-01 |
| 1.2 | 9.6763E-01 | 3.5870E-01 | 3.4345E-01 | 4.9591E-01 |
| 1.3 | 9.5543E-01 | 4.2041E-01 | 3.5593E-01 | 5.4964E-01 |
| 1.4 | 9.4008E-01 | 4.8673E-01 | 3.6422E-01 | 6.0595E-01 |
| 1.5 | 9.2107E-01 | 5.5756E-01 | 3.6786E-01 | 6.6487E-01 |
| 1.6 | 8.9789E-01 | 6.3273E-01 | 3.6642E-01 | 7.2640E-01 |
| 1.7 | 8.6997E-01 | 7.1204E-01 | 3.5940E-01 | 7.9051E-01 |
| 1.8 | 8.3672E-01 | 7.9526E-01 | 3.4630E-01 | 8.5709E-01 |
| 1.9 | 7.9752E-01 | 8.8212E-01 | 3.2661E-01 | 9.2601E-01 |
| 2.0 | 7.5173E-01 | 9.7229E-01 | 2.9978E-01 | 9.9708E-01 |
| 2.1 | 6.9869E-01 | 1.0654E+00 | 2.6525E-01 | 1.0700E+00 |
| 2.2 | 6.3769E-01 | 1.1610E+00 | 2.2246E-01 | 1.1445E+00 |
| 2.3 | 5.6805E-01 | 1.2585E+00 | 1.7083E-01 | 1.2202E+00 |
| 2.4 | 4.8905E-01 | 1.3575E+00 | 1.0976E-01 | 1.2966E+00 |
| 2.5 | 3.9997E-01 | 1.4572E+00 | 3.8668E-02 | 1.3731E+00 |
| 2.6 | 3.0009E-01 | 1.5569E+00 | -4.3041E-02 | 1.4491E+00 |
| 2.7 | 1.8871E-01 | 1.6557E+00 | -1.3595E-01 | 1.5240E+00 |
| 2.8 | 6.5112E-02 | 1.7529E+00 | -2.4063E-01 | 1.5968E+00 |
| 2.9 | -7.1368E-02 | 1.8472E+00 | -3.5762E-01 | 1.6667E+00 |
| 3.0 | -2.2138E-01 | 1.9376E+00 | -4.8745E-01 | 1.7326E+00 |
| 3.1 | -3.8553E-01 | 2.0228E+00 | -6.3060E-01 | 1.7935E+00 |
| 3.2 | -5.6438E-01 | 2.1016E+00 | -7.8750E-01 | 1.8481E+00 |
| 3.3 | -7.5841E-01 | 2.1723E+00 | -9.5852E-01 | 1.8949E+00 |
| 3.4 | -9.6804E-01 | 2.2334E+00 | -1.1440E+00 | 1.9327E+00 |
| 3.5 | -1.1936E+00 | 2.2832E+00 | -1.3440E+00 | 1.9596E+00 |
| 3.6 | -1.4353E+00 | 2.3199E+00 | -1.5589E+00 | 1.9742E+00 |
| 3.7 | -1.6933E+00 | 2.3413E+00 | -1.7885E+00 | 1.9744E+00 |
| 3.8 | -1.9674E+00 | 2.3454E+00 | -2.0327E+00 | 1.9584E+00 |
| 3.9 | -2.2576E+00 | 2.3300E+00 | -2.2913E+00 | 1.9241E+00 |
| 4.0 | -2.5634E+00 | 2.2927E+00 | -2.5638E+00 | 1.8692E+00 |
| 4.1 | -2.8843E+00 | 2.2309E+00 | -2.8496E+00 | 1.7916E+00 |
| 4.2 | -3.2195E+00 | 2.1422E+00 | -3.1479E+00 | 1.6886E+00 |
| 4.3 | -3.5679E+00 | 2.0236E+00 | -3.4576E+00 | 1.5579E+00 |
| 4.4 | -3.9283E+00 | 1.8726E+00 | -3.7774E+00 | 1.3969E+00 |
| 4.5 | -4.2991E+00 | 1.6860E+00 | -4.1057E+00 | 1.2028E+00 |
| 4.6 | -4.6784E+00 | 1.4610E+00 | -4.4406E+00 | 9.7298E-01 |
| 4.7 | -5.0639E+00 | 1.1946E+00 | -4.7801E+00 | 7.0459E-01 |
| 4.8 | -5.4531E+00 | 8.8366E-01 | -5.1214E+00 | 3.9486E-01 |
| 4.9 | -5.8429E+00 | 5.2515E-01 | -5.4618E+00 | 4.0994E-02 |
| 5.0 | -6.2301E+00 | 1.1603E-01 | -5.7979E+00 | -3.5978E-01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | -6.2301E+00 | 1.1603E-01 | -5.7979E+00 | -3.5978E-01 |
| 5.1 | -6.6107E+00 | -3.4666E-01 | -6.1260E+00 | -8.1016E-01 |
| 5.2 | -6.9803E+00 | -8.6584E-01 | -6.4421E+00 | -1.3128E+00 |
| 5.3 | -7.3344E+00 | -1.4443E+00 | -6.7414E+00 | -1.8701E+00 |
| 5.4 | -7.6674E+00 | -2.0845E+00 | -7.0189E+00 | -2.4844E+00 |
| 5.5 | -7.9736E+00 | -2.7890E+00 | -7.2690E+00 | -3.1579E+00 |
| 5.6 | -8.2466E+00 | -3.5597E+00 | -7.4857E+00 | -3.8922E+00 |
| 5.7 | -8.4794E+00 | -4.3986E+00 | -7.6622E+00 | -4.6889E+00 |
| 5.8 | -8.6644E+00 | -5.3068E+00 | -7.7914E+00 | -5.5492E+00 |
| 5.9 | -8.7937E+00 | -6.2854E+00 | -7.8657E+00 | -6.4736E+00 |
| 6.0 | -8.8583E+00 | -7.3347E+00 | -7.8767E+00 | -7.4622E+00 |
| 6.1 | -8.8491E+00 | -8.4545E+00 | -7.8156E+00 | -8.5146E+00 |
| 6.2 | -8.7561E+00 | -9.6437E+00 | -7.6730E+00 | -9.6296E+00 |
| 6.3 | -8.5688E+00 | -1.0901E+01 | -7.4391E+00 | -1.0805E+01 |
| 6.4 | -8.2762E+00 | -1.2223E+01 | -7.1035E+00 | -1.2039E+01 |
| 6.5 | -7.8669E+00 | -1.3607E+01 | -6.6553E+00 | -1.3327E+01 |
| 6.6 | -7.3287E+00 | -1.5047E+01 | -6.0832E+00 | -1.4664E+01 |
| 6.7 | -6.6492E+00 | -1.6538E+01 | -5.3755E+00 | -1.6045E+01 |
| 6.8 | -5.8155E+00 | -1.8074E+01 | -4.5201E+00 | -1.7462E+01 |
| 6.9 | -4.8146E+00 | -1.9644E+01 | -3.5048E+00 | -1.8906E+01 |
| 7.0 | -3.6329E+00 | -2.1239E+01 | -2.3172E+00 | -2.0369E+01 |
| 7.1 | -2.2571E+00 | -2.2848E+01 | -9.4453E-01 | -2.1838E+01 |
| 7.2 | -6.7369E-01 | -2.4456E+01 | 6.2560E-01 | -2.3299E+01 |
| 7.3 | 1.1308E+00 | -2.6049E+01 | 2.4056E+00 | -2.4739E+01 |
| 7.4 | 3.1695E+00 | -2.7609E+01 | 4.4075E+00 | -2.6140E+01 |
| 7.5 | 5.4550E+00 | -2.9116E+01 | 6.6429E+00 | -2.7482E+01 |
| 7.6 | 7.9994E+00 | -3.0548E+01 | 9.1229E+00 | -2.8746E+01 |
| 7.7 | 1.0814E+01 | -3.1882E+01 | 1.1858E+01 | -2.9907E+01 |
| 7.8 | 1.3909E+01 | -3.3092E+01 | 1.4856E+01 | -3.0939E+01 |
| 7.9 | 1.7293E+01 | -3.4147E+01 | 1.8126E+01 | -3.1816E+01 |
| 8.0 | 2.0974E+01 | -3.5017E+01 | 2.1674E+01 | -3.2507E+01 |
| 8.1 | 2.4957E+01 | -3.5667E+01 | 2.5503E+01 | -3.2978E+01 |
| 8.2 | 2.9245E+01 | -3.6061E+01 | 2.9618E+01 | -3.3195E+01 |
| 8.3 | 3.3840E+01 | -3.6159E+01 | 3.4016E+01 | -3.3119E+01 |
| 8.4 | 3.8738E+01 | -3.5920E+01 | 3.8696E+01 | -3.2711E+01 |
| 8.5 | 4.3936E+01 | -3.5298E+01 | 4.3651E+01 | -3.1927E+01 |
| 8.6 | 4.9423E+01 | -3.4246E+01 | 4.8870E+01 | -3.0723E+01 |
| 8.7 | 5.5187E+01 | -3.2714E+01 | 5.4341E+01 | -2.9050E+01 |
| 8.8 | 6.1210E+01 | -3.0651E+01 | 6.0045E+01 | -2.6860E+01 |
| 8.9 | 6.7469E+01 | -2.8003E+01 | 6.5959E+01 | -2.4101E+01 |
| 9.0 | 7.3936E+01 | -2.4713E+01 | 7.2054E+01 | -2.0719E+01 |
| 9.1 | 8.0576E+01 | -2.0724E+01 | 7.8296E+01 | -1.6661E+01 |
| 9.2 | 8.7350E+01 | -1.5976E+01 | 8.4645E+01 | -1.1870E+01 |
| 9.3 | 9.4208E+01 | -1.0412E+01 | 9.1052E+01 | -6.2902E+00 |
| 9.4 | 1.0110E+02 | -3.9692E+00 | 9.7463E+01 | 1.3491E-01 |
| 9.5 | 1.0795E+02 | 3.4106E+00 | 1.0381E+02 | 7.4614E+00 |
| 9.6 | 1.1470E+02 | 1.1787E+01 | 1.1004E+02 | 1.5745E+01 |
| 9.7 | 1.2126E+02 | 2.1218E+01 | 1.1605E+02 | 2.5038E+01 |
| 9.8 | 1.2754E+02 | 3.1758E+01 | 1.2176E+02 | 3.5394E+01 |
| 9.9 | 1.3343E+02 | 4.3459E+01 | 1.2707E+02 | 4.6859E+01 |
| 10.0 | 1.3884E+02 | 5.6370E+01 | 1.3188E+02 | 5.9478E+01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | 1.3884E+02 | 5.6370E+01 | 1.3188E+02 | 5.9478E+01 |
| 10.1 | 1.4363E+02 | 7.0534E+01 | 1.3606E+02 | 7.3288E+01 |
| 10.2 | 1.4767E+02 | 8.5987E+01 | 1.3948E+02 | 8.8323E+01 |
| 10.3 | 1.5081E+02 | 1.0276E+02 | 1.4200E+02 | 1.0461E+02 |
| 10.4 | 1.5290E+02 | 1.2087E+02 | 1.4346E+02 | 1.2216E+02 |
| 10.5 | 1.5377E+02 | 1.4032E+02 | 1.4371E+02 | 1.4098E+02 |
| 10.6 | 1.5323E+02 | 1.6113E+02 | 1.4257E+02 | 1.6106E+02 |
| 10.7 | 1.5109E+02 | 1.8325E+02 | 1.3984E+02 | 1.8238E+02 |
| 10.8 | 1.4714E+02 | 2.0668E+02 | 1.3533E+02 | 2.0492E+02 |
| 10.9 | 1.4117E+02 | 2.3135E+02 | 1.2884E+02 | 2.2861E+02 |
| 11.0 | 1.3295E+02 | 2.5721E+02 | 1.2014E+02 | 2.5338E+02 |
| 11.1 | 1.2225E+02 | 2.8414E+02 | 1.0901E+02 | 2.7914E+02 |
| 11.2 | 1.0881E+02 | 3.1206E+02 | 9.5203E+01 | 3.0578E+02 |
| 11.3 | 9.2383E+01 | 3.4080E+02 | 7.8483E+01 | 3.3315E+02 |
| 11.4 | 7.2707E+01 | 3.7021E+02 | 5.8599E+01 | 3.6108E+02 |
| 11.5 | 4.9517E+01 | 4.0008E+02 | 3.5297E+01 | 3.8938E+02 |
| 11.6 | 2.2543E+01 | 4.3018E+02 | 8.3224E+00 | 4.1781E+02 |
| 11.7 | -8.4831E+00 | 4.6025E+02 | -2.2580E+01 | 4.4611E+02 |
| 11.8 | -4.3828E+01 | 4.8997E+02 | -5.7664E+01 | 4.7397E+02 |
| 11.9 | -8.3753E+01 | 5.1900E+02 | -9.7174E+01 | 5.0105E+02 |
| 12.0 | -1.2851E+02 | 5.4695E+02 | -1.4135E+02 | 5.2696E+02 |
| 12.1 | -1.7834E+02 | 5.7338E+02 | -1.9042E+02 | 5.5129E+02 |
| 12.2 | -2.3348E+02 | 5.9782E+02 | -2.4458E+02 | 5.7355E+02 |
| 12.3 | -2.9411E+02 | 6.1972E+02 | -3.0403E+02 | 5.9323E+02 |
| 12.4 | -3.6042E+02 | 6.3851E+02 | -3.6892E+02 | 6.0976E+02 |
| 12.5 | -4.3256E+02 | 6.5356E+02 | -4.3938E+02 | 6.2251E+02 |
| 12.6 | -5.1062E+02 | 6.6417E+02 | -5.1551E+02 | 6.3082E+02 |
| 12.7 | -5.9469E+02 | 6.6961E+02 | -5.9735E+02 | 6.3396E+02 |
| 12.8 | -6.8475E+02 | 6.6908E+02 | -6.8489E+02 | 6.3116E+02 |
| 12.9 | -7.8078E+02 | 6.6172E+02 | -7.7808E+02 | 6.2160E+02 |
| 13.0 | -8.8265E+02 | 6.4664E+02 | -8.7677E+02 | 6.0439E+02 |
| 13.1 | -9.9017E+02 | 6.2287E+02 | -9.8078E+02 | 5.7861E+02 |
| 13.2 | -1.1031E+03 | 5.8942E+02 | -1.0898E+03 | 5.4328E+02 |
| 13.3 | -1.2210E+03 | 5.4522E+02 | -1.2035E+03 | 4.9739E+02 |
| 13.4 | -1.3434E+03 | 4.8919E+02 | -1.3213E+03 | 4.3987E+02 |
| 13.5 | -1.4698E+03 | 4.2018E+02 | -1.4427E+03 | 3.6964E+02 |
| 13.6 | -1.5995E+03 | 3.3704E+02 | -1.5670E+03 | 2.8557E+02 |
| 13.7 | -1.7315E+03 | 2.3857E+02 | -1.6932E+03 | 1.8652E+02 |
| 13.8 | -1.8650E+03 | 1.2355E+02 | -1.8205E+03 | 7.1328E+01 |
| 13.9 | -1.9987E+03 | -9.2110E+00 | -1.9477E+03 | -6.1171E+01 |
| 14.0 | -2.1313E+03 | -1.6094E+02 | -2.0734E+03 | -2.1213E+02 |
| 14.1 | -2.2613E+03 | -3.3282E+02 | -2.1962E+03 | -3.8268E+02 |
| 14.2 | -2.3871E+03 | -5.2602E+02 | -2.3144E+03 | -5.7393E+02 |
| 14.3 | -2.5068E+03 | -7.4165E+02 | -2.4261E+03 | -7.8692E+02 |
| 14.4 | -2.6182E+03 | -9.8075E+02 | -2.5293E+03 | -1.0226E+03 |
| 14.5 | -2.7191E+03 | -1.2443E+03 | -2.6218E+03 | -1.2820E+03 |
| 14.6 | -2.8068E+03 | -1.5331E+03 | -2.7009E+03 | -1.5657E+03 |
| 14.7 | -2.8786E+03 | -1.8479E+03 | -2.7639E+03 | -1.8745E+03 |
| 14.8 | -2.9316E+03 | -2.1892E+03 | -2.8080E+03 | -2.2088E+03 |
| 14.9 | -2.9623E+03 | -2.5574E+03 | -2.8299E+03 | -2.5689E+03 |
| 15.0 | -2.9673E+03 | -2.5574E+03 | -2.8261E+03 | -2.9549E+03 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | -2.9673E+03 | -2.9527E+03 | -2.8261E+03 | -2.9549E+03 |
| 15.1 | -2.9428E+03 | -3.3749E+03 | -2.7930E+03 | -3.3666E+03 |
| 15.2 | -2.8848E+03 | -3.8236E+03 | -2.7266E+03 | -3.8035E+03 |
| 15.3 | -2.7890E+03 | -4.2981E+03 | -2.6229E+03 | -4.2649E+03 |
| 15.4 | -2.6510E+03 | -4.7973E+03 | -2.4774E+03 | -4.7496E+03 |
| 15.5 | -2.4661E+03 | -5.3196E+03 | -2.2857E+03 | -5.2560E+03 |
| 15.6 | -2.2293E+03 | -5.8631E+03 | -2.0428E+03 | -5.7821E+03 |
| 15.7 | -1.9355E+03 | -6.4253E+03 | -1.7439E+03 | -6.3254E+03 |
| 15.8 | -1.5796E+03 | -7.0031E+03 | -1.3839E+03 | -6.8828E+03 |
| 15.9 | -1.1561E+03 | -7.5930E+03 | -9.5763E+02 | -7.4507E+03 |
| 16.0 | -6.5950E+02 | -8.1907E+03 | -4.5978E+02 | -8.0248E+03 |
| 16.1 | -8.4361E+01 | -8.7912E+03 | 1.1496E+02 | -8.6002E+03 |
| 16.2 | 5.7485E+02 | -9.3887E+03 | 7.7189E+02 | -9.1712E+03 |
| 16.3 | 1.3236E+03 | -9.9767E+03 | 1.5162E+03 | -9.7312E+03 |
| 16.4 | 2.1672E+03 | -1.0548E+04 | 2.3530E+03 | -1.0273E+04 |
| 16.5 | 3.1109E+03 | -1.1094E+04 | 3.2873E+03 | -1.0788E+04 |
| 16.6 | 4.1594E+03 | -1.1605E+04 | 4.3235E+03 | -1.1268E+04 |
| 16.7 | 5.3172E+03 | -1.2072E+04 | 5.4660E+03 | -1.1702E+04 |
| 16.8 | 6.5885E+03 | -1.2483E+04 | 6.7185E+03 | -1.2079E+04 |
| 16.9 | 7.9767E+03 | -1.2826E+04 | 8.0841E+03 | -1.2388E+04 |
| 17.0 | 9.4845E+03 | -1.3087E+04 | 9.5655E+03 | -1.2614E+04 |
| 17.1 | 1.1114E+04 | -1.3252E+04 | 1.1164E+04 | -1.2744E+04 |
| 17.2 | 1.2866E+04 | -1.3305E+04 | 1.2881E+04 | -1.2762E+04 |
| 17.3 | 1.4740E+04 | -1.3230E+04 | 1.4715E+04 | -1.2652E+04 |
| 17.4 | 1.6735E+04 | -1.3007E+04 | 1.6665E+04 | -1.2396E+04 |
| 17.5 | 1.8849E+04 | -1.2619E+04 | 1.8729E+04 | -1.1976E+04 |
| 17.6 | 2.1076E+04 | -1.2045E+04 | 2.0900E+04 | -1.1371E+04 |
| 17.7 | 2.3410E+04 | -1.1265E+04 | 2.3173E+04 | -1.0562E+04 |
| 17.8 | 2.5843E+04 | -1.0255E+04 | 2.5538E+04 | -9.5271E+03 |
| 17.9 | 2.8365E+04 | -8.9924E+03 | 2.7987E+04 | -8.2432E+03 |
| 18.0 | 3.0962E+04 | -7.4543E+03 | 3.0504E+04 | -6.6875E+03 |
| 18.1 | 3.3619E+04 | -5.6160E+03 | 3.3075E+04 | -4.8363E+03 |
| 18.2 | 3.6317E+04 | -3.4524E+03 | 3.5681E+04 | -2.6657E+03 |
| 18.3 | 3.9034E+04 | -9.3857E+02 | 3.8299E+04 | -1.5119E+02 |
| 18.4 | 4.1746E+04 | 1.9509E+03 | 4.0906E+04 | 2.7316E+03 |
| 18.5 | 4.4423E+04 | 5.2411E+03 | 4.3472E+04 | 6.0068E+03 |
| 18.6 | 4.7033E+04 | 8.9565E+03 | 4.5966E+04 | 9.6980E+03 |
| 18.7 | 4.9539E+04 | 1.3121E+04 | 4.8350E+04 | 1.3828E+04 |
| 18.8 | 5.1901E+04 | 1.7757E+04 | 5.0585E+04 | 1.8418E+04 |
| 18.9 | 5.4072E+04 | 2.2886E+04 | 5.2625E+04 | 2.3490E+04 |
| 19.0 | 5.6003E+04 | 2.8527E+04 | 5.4421E+04 | 2.9059E+04 |
| 19.1 | 5.7640E+04 | 3.4697E+04 | 5.5919E+04 | 3.5143E+04 |
| 19.2 | 5.8921E+04 | 4.1409E+04 | 5.7060E+04 | 4.1753E+04 |
| 19.3 | 5.9782E+04 | 4.8674E+04 | 5.7779E+04 | 4.8899E+04 |
| 19.4 | 6.0152E+04 | 5.6497E+04 | 5.8008E+04 | 5.6585E+04 |
| 19.5 | 5.9957E+04 | 6.4879E+04 | 5.7672E+04 | 6.4811E+04 |
| 19.6 | 5.9115E+04 | 7.3816E+04 | 5.6693E+04 | 7.3572E+04 |
| 19.7 | 5.7540E+04 | 8.3297E+04 | 5.4986E+04 | 8.2855E+04 |
| 19.8 | 5.5142E+04 | 9.3303E+04 | 5.2462E+04 | 9.2641E+04 |
| 19.9 | 5.1826E+04 | 1.0381E+05 | 4.9027E+04 | 1.0290E+05 |
| 20.0 | 4.7489E+04 | 1.1478E+05 | 4.4584E+04 | 1.1360E+05 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 0.0000E-01 | 0.0000E-01 |
| 0.1 | 9.9956E-01 | 2.4615E-03 | 3.2085E-02 | 3.8333E-02 |
| 0.2 | 9.9824E-01 | 9.8395E-03 | 6.3845E-02 | 7.6854E-02 |
| 0.3 | 9.9597E-01 | 2.2115E-02 | 9.4955E-02 | 1.1574E-01 |
| 0.4 | 9.9268E-01 | 3.9254E-02 | 1.2508E-01 | 1.5518E-01 |
| 0.5 | 9.8823E-01 | 6.1211E-02 | 1.5390E-01 | 1.9534E-01 |
| 0.6 | 9.8248E-01 | 8.7923E-02 | 1.8108E-01 | 2.3637E-01 |
| 0.7 | 9.7523E-01 | 1.1931E-01 | 2.0626E-01 | 2.7842E-01 |
| 0.8 | 9.6626E-01 | 1.5528E-01 | 2.2912E-01 | 3.2161E-01 |
| 0.9 | 9.5532E-01 | 1.9572E-01 | 2.4930E-01 | 3.6605E-01 |
| 1.0 | 9.4213E-01 | 2.4049E-01 | 2.6643E-01 | 4.1182E-01 |
| 1.1 | 9.2637E-01 | 2.8942E-01 | 2.8016E-01 | 4.5896E-01 |
| 1.2 | 9.0771E-01 | 3.4235E-01 | 2.9012E-01 | 5.0751E-01 |
| 1.3 | 8.8579E-01 | 3.9904E-01 | 2.9592E-01 | 5.5745E-01 |
| 1.4 | 8.6022E-01 | 4.5926E-01 | 2.9720E-01 | 6.0873E-01 |
| 1.5 | 8.3059E-01 | 5.2273E-01 | 2.9356E-01 | 6.6128E-01 |
| 1.6 | 7.9650E-01 | 5.8914E-01 | 2.8462E-01 | 7.1497E-01 |
| 1.7 | 7.5750E-01 | 6.5813E-01 | 2.6999E-01 | 7.6962E-01 |
| 1.8 | 7.1315E-01 | 7.2931E-01 | 2.4928E-01 | 8.2501E-01 |
| 1.9 | 6.6300E-01 | 8.0223E-01 | 2.2211E-01 | 8.8087E-01 |
| 2.0 | 6.0659E-01 | 8.7641E-01 | 1.8810E-01 | 9.3688E-01 |
| 2.1 | 5.4349E-01 | 9.5130E-01 | 1.4689E-01 | 9.9265E-01 |
| 2.2 | 4.7325E-01 | 1.0263E+00 | 9.8119E-02 | 1.0477E+00 |
| 2.3 | 3.9544E-01 | 1.1008E+00 | 4.1460E-02 | 1.1017E+00 |
| 2.4 | 3.0966E-01 | 1.1740E+00 | -2.3401E-02 | 1.1539E+00 |
| 2.5 | 2.1553E-01 | 1.2453E+00 | -9.6744E-02 | 1.2037E+00 |
| 2.6 | 1.1270E-01 | 1.137E+00 | -1.7882E-01 | 1.2504E+00 |
| 2.7 | 8.7296E-04 | 1.3783E+00 | -2.6983E-01 | 1.2934E+00 |
| 2.8 | -1.2022E-01 | 1.4383E+00 | -3.6993E-01 | 1.3317E+00 |
| 2.9 | -2.5076E-01 | 1.4925E+00 | -4.7924E-01 | 1.3644E+00 |
| 3.0 | -3.9090E-01 | 1.5399E+00 | -5.9779E-01 | 1.3907E+00 |
| 3.1 | -5.4068E-01 | 1.5793E+00 | -7.2554E-01 | 1.4094E+00 |
| 3.2 | -7.0009E-01 | 1.6095E+00 | -8.6240E-01 | 1.4196E+00 |
| 3.3 | -8.6899E-01 | 1.6292E+00 | -1.0082E+00 | 1.4200E+00 |
| 3.4 | -1.0472E+00 | 1.6371E+00 | -1.1625E+00 | 1.4094E+00 |
| 3.5 | -1.2342E+00 | 1.6318E+00 | -1.3251E+00 | 1.3867E+00 |
| 3.6 | -1.4298E+00 | 1.6119E+00 | -1.4953E+00 | 1.3504E+00 |
| 3.7 | -1.6331E+00 | 1.5759E+00 | -1.6725E+00 | 1.2994E+00 |
| 3.8 | -1.8436E+00 | 1.5222E+00 | -1.8560E+00 | 1.2321E+00 |
| 3.9 | -2.0602E+00 | 1.4494E+00 | -2.0447E+00 | 1.1473E+00 |
| 4.0 | -2.2818E+00 | 1.3559E+00 | -2.2376E+00 | 1.0435E+00 |
| 4.1 | -2.5073E+00 | 1.2402E+00 | -2.4335E+00 | 9.1938E-01 |
| 4.2 | -2.7350E+00 | 1.1008E+00 | -2.6308E+00 | 7.7352E-01 |
| 4.3 | -2.9634E+00 | 9.3612E-01 | -2.8279E+00 | 6.0459E-01 |
| 4.4 | -3.1905E+00 | 7.4478E-01 | -3.0230E+00 | 4.1131E-01 |
| 4.5 | -3.4143E+00 | 5.2540E-01 | -3.2140E+00 | 1.9244E-01 |
| 4.6 | -3.6324E+00 | 2.7669E-01 | -3.3988E+00 | -5.3162E-02 |
| 4.7 | -3.8422E+00 | -2.5232E-03 | -3.5747E+00 | -3.2651E-01 |
| 4.8 | -4.0409E+00 | -3.1329E-01 | -3.7393E+00 | -6.2852E-01 |
| 4.9 | -4.2255E+00 | -6.5648E-01 | -3.8894E+00 | -9.5992E-01 |
| 5.0 | -4.3927E+00 | -1.0328E+00 | -4.0221E+00 | -1.3213E+00 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | -4.3927E+00 | -1.0328E+00 | -4.0221E+00 | -1.3213E+00 |
| 5.1 | -4.5389E+00 | -1.4427E+00 | -4.1339E+00 | -1.7129E+00 |
| 5.2 | -4.6604E+00 | -1.8864E+00 | -4.2212E+00 | -2.1350E+00 |
| 5.3 | -4.7531E+00 | -2.3638E+00 | -4.2803E+00 | -2.5872E+00 |
| 5.4 | -4.8129E+00 | -2.8746E+00 | -4.3072E+00 | -3.0692E+00 |
| 5.5 | -4.8351E+00 | -3.4180E+00 | -4.2977E+00 | -3.5801E+00 |
| 5.6 | -4.8153E+00 | -3.9928E+00 | -4.2474E+00 | -4.1188E+00 |
| 5.7 | -4.7485E+00 | -4.5976E+00 | -4.1518E+00 | -4.6835E+00 |
| 5.8 | -4.6298E+00 | -5.2303E+00 | -4.0062E+00 | -5.2722E+00 |
| 5.9 | -4.4540E+00 | -5.8882E+00 | -3.8059E+00 | -5.8825E+00 |
| 6.0 | -4.2161E+00 | -6.5685E+00 | -3.5460E+00 | -6.5111E+00 |
| 6.1 | -3.9106E+00 | -7.2672E+00 | -3.2217E+00 | -7.1545E+00 |
| 6.2 | -3.5324E+00 | -7.9803E+00 | -2.8281E+00 | -7.8084E+00 |
| 6.3 | -3.0761E+00 | -8.7026E+00 | -2.3604E+00 | -8.4680E+00 |
| 6.4 | -2.5367E+00 | -9.4285E+00 | -1.8138E+00 | -9.1277E+00 |
| 6.5 | -1.9092E+00 | -1.0152E+01 | -1.1838E+00 | -9.7813E+00 |
| 6.6 | -1.1888E+00 | -1.0865E+01 | -4.6609E-01 | -1.0422E+01 |
| 6.7 | -3.7099E-01 | -1.1560E+01 | 3.4337E-01 | -1.1042E+01 |
| 6.8 | 5.4832E-01 | -1.2229E+01 | 1.2482E+00 | -1.1632E+01 |
| 6.9 | 1.5728E+00 | -1.2861E+01 | 2.2517E+00 | -1.2184E+01 |
| 7.0 | 2.7055E+00 | -1.3446E+01 | 3.3563E+00 | -1.2688E+01 |
| 7.1 | 3.9489E+00 | -1.3974E+01 | 4.5642E+00 | -1.3132E+01 |
| 7.2 | 5.3047E+00 | -1.4431E+01 | 5.8766E+00 | -1.3506E+01 |
| 7.3 | 6.7737E+00 | -1.4805E+01 | 7.2939E+00 | -1.3795E+01 |
| 7.4 | 8.3557E+00 | -1.5082E+01 | 8.8156E+00 | -1.3989E+01 |
| 7.5 | 1.0050E+01 | -1.5248E+01 | 1.0440E+01 | -1.4071E+01 |
| 7.6 | 1.1853E+01 | -1.5287E+01 | 1.2164E+01 | -1.4029E+01 |
| 7.7 | 1.3761E+01 | -1.5183E+01 | 1.3984E+01 | -1.3846E+01 |
| 7.8 | 1.5770E+01 | -1.4919E+01 | 1.5894E+01 | -1.3507E+01 |
| 7.9 | 1.7871E+01 | -1.4478E+01 | 1.7887E+01 | -1.2996E+01 |
| 8.0 | 2.0057E+01 | -1.3843E+01 | 1.9953E+01 | -1.2296E+01 |
| 8.1 | 2.2316E+01 | -1.2996E+01 | 2.2083E+01 | -1.1390E+01 |
| 8.2 | 2.4636E+01 | -1.1918E+01 | 2.4264E+01 | -1.0261E+01 |
| 8.3 | 2.7002E+01 | -1.0591E+01 | 2.6479E+01 | -8.8916E+00 |
| 8.4 | 2.9397E+01 | -8.9982E+00 | 2.8714E+01 | -7.2656E+00 |
| 8.5 | 3.1800E+01 | -7.1205E+00 | 3.0947E+01 | -5.3662E+00 |
| 8.6 | 3.4189E+01 | -4.9411E+00 | 3.3157E+01 | -3.1775E+00 |
| 8.7 | 3.6540E+01 | -2.4438E+00 | 3.5319E+01 | -6.8453E-01 |
| 8.8 | 3.8825E+01 | 3.8701E-01 | 3.7407E+01 | 2.1268E+00 |
| 8.9 | 4.1013E+01 | 3.5652E+00 | 3.9391E+01 | 5.2692E+00 |
| 9.0 | 4.3070E+01 | 7.1032E+00 | 4.1237E+01 | 8.7537E+00 |
| 9.1 | 4.4960E+01 | 1.1012E+01 | 4.2911E+01 | 1.2589E+01 |
| 9.2 | 4.6644E+01 | 1.5298E+01 | 4.4374E+01 | 1.6783E+01 |
| 9.3 | 4.8079E+01 | 1.9969E+01 | 4.5585E+01 | 2.1338E+01 |
| 9.4 | 4.9220E+01 | 2.5026E+01 | 4.6500E+01 | 2.6257E+01 |
| 9.5 | 5.0018E+01 | 3.0468E+01 | 4.7073E+01 | 3.1536E+01 |
| 9.6 | 5.0422E+01 | 3.6289E+01 | 4.7254E+01 | 3.7170E+01 |
| 9.7 | 5.0379E+01 | 4.2482E+01 | 4.6993E+01 | 4.3148E+01 |
| 9.8 | 4.9834E+01 | 4.9031E+01 | 4.6235E+01 | 4.9455E+01 |
| 9.9 | 4.8727E+01 | 5.5916E+01 | 4.4925E+01 | 5.6069E+01 |
| 10.0 | 4.6998E+01 | 6.3112E+01 | 4.3006E+01 | 6.2966E+01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | 4.6998E+01 | 6.3112E+01 | 4.3006E+01 | 6.2966E+01 |
| 10.1 | 4.4588E+01 | 7.0588E+01 | 4.0418E+01 | 7.0112E+01 |
| 10.2 | 4.1432E+01 | 7.8304E+01 | 3.7103E+01 | 7.7469E+01 |
| 10.3 | 3.7467E+01 | 8.6215E+01 | 3.3000E+01 | 8.4991E+01 |
| 10.4 | 3.2632E+01 | 9.4267E+01 | 2.8050E+01 | 9.2624E+01 |
| 10.5 | 2.6862E+01 | 1.0240E+02 | 2.2194E+01 | 1.0031E+02 |
| 10.6 | 2.0097E+01 | 1.1054E+02 | 1.5373E+01 | 1.0797E+02 |
| 10.7 | 1.2277E+01 | 1.1860E+02 | 7.5339E+00 | 1.1553E+02 |
| 10.8 | 3.3470E+00 | 1.2651E+02 | -1.3773E+00 | 1.2291E+02 |
| 10.9 | -6.7466E+00 | 1.3416E+02 | -1.1408E+01 | 1.3000E+02 |
| 11.0 | -1.8051E+01 | 1.4144E+02 | -2.2603E+01 | 1.3670E+02 |
| 11.1 | -3.0609E+01 | 1.4823E+02 | -3.4999E+01 | 1.4289E+02 |
| 11.2 | -4.4453E+01 | 1.5440E+02 | -4.8626E+01 | 1.4844E+02 |
| 11.3 | -5.9610E+01 | 1.5981E+02 | -6.3507E+01 | 1.5323E+02 |
| 11.4 | -7.6097E+01 | 1.6432E+02 | -7.9653E+01 | 1.5709E+02 |
| 11.5 | -9.3918E+01 | 1.6775E+02 | -9.7066E+01 | 1.5989E+02 |
| 11.6 | -1.1307E+02 | 1.6994E+02 | -1.1573E+02 | 1.6143E+02 |
| 11.7 | -1.3352E+02 | 1.7071E+02 | -1.3563E+02 | 1.6157E+02 |
| 11.8 | -1.5524E+02 | 1.6987E+02 | -1.5672E+02 | 1.6010E+02 |
| 11.9 | -1.7817E+02 | 1.6722E+02 | -1.7894E+02 | 1.5684E+02 |
| 12.0 | -2.0225E+02 | 1.6255E+02 | -2.0221E+02 | 1.5160E+02 |
| 12.1 | -2.2736E+02 | 1.5565E+02 | -2.2643E+02 | 1.4416E+02 |
| 12.2 | -2.5340E+02 | 1.4632E+02 | -2.5150E+02 | 1.3432E+02 |
| 12.3 | -2.8022E+02 | 1.3432E+02 | -2.7725E+02 | 1.2187E+02 |
| 12.4 | -3.0765E+02 | 1.1943E+02 | -3.0353E+02 | 1.0660E+02 |
| 12.5 | -3.3550E+02 | 1.0144E+02 | -3.3013E+02 | 8.8302E+01 |
| 12.6 | -3.6354E+02 | 8.0132E+01 | -3.5684E+02 | 6.6761E+01 |
| 12.7 | -3.9151E+02 | 5.5285E+01 | -3.8339E+02 | 4.1780E+01 |
| 12.8 | -4.1913E+02 | 2.6697E+01 | -4.0950E+02 | 1.3164E+01 |
| 12.9 | -4.4606E+02 | -5.8248E+00 | -4.3485E+02 | -1.9266E+01 |
| 13.0 | -4.7195E+02 | -4.2460E+01 | -4.5909E+02 | -5.5679E+01 |
| 13.1 | -4.9641E+02 | -8.3370E+01 | -4.8182E+02 | -9.6222E+01 |
| 13.2 | -5.1900E+02 | -1.2869E+02 | -5.0263E+02 | -1.4102E+02 |
| 13.3 | -5.3926E+02 | -1.7854E+02 | -5.2105E+02 | -1.9017E+02 |
| 13.4 | -5.5668E+02 | -2.3299E+02 | -5.3660E+02 | -2.4375E+02 |
| 13.5 | -5.7071E+02 | -2.9209E+02 | -5.4873E+02 | -3.0178E+02 |
| 13.6 | -5.8079E+02 | -3.5585E+02 | -5.5689E+02 | -3.6426E+02 |
| 13.7 | -5.8629E+02 | -4.2422E+02 | -5.6048E+02 | -4.3113E+02 |
| 13.8 | -5.8657E+02 | -4.9711E+02 | -5.5887E+02 | -5.0228E+02 |
| 13.9 | -5.8095E+02 | -5.7436E+02 | -5.5141E+02 | -5.7756E+02 |
| 14.0 | -5.6873E+02 | -6.5575E+02 | -5.3740E+02 | -6.5673E+02 |
| 14.1 | -5.4917E+02 | -7.4101E+02 | -5.1614E+02 | -7.3950E+02 |
| 14.2 | -5.2153E+02 | -8.2976E+02 | -4.8690E+02 | -8.2550E+02 |
| 14.3 | -4.8504E+02 | -9.2157E+02 | -4.4895E+02 | -9.1429E+02 |
| 14.4 | -4.3891E+02 | -1.0159E+03 | -4.0154E+02 | -1.0053E+03 |
| 14.5 | -3.8237E+02 | -1.1121E+03 | -3.4391E+02 | -1.0979E+03 |
| 14.6 | -3.1465E+02 | -1.2095E+03 | -2.7532E+02 | -1.1915E+03 |
| 14.7 | -2.3498E+02 | -1.3072E+03 | -1.9504E+02 | -1.2850E+03 |
| 14.8 | -1.4261E+02 | -1.4042E+03 | -1.0237E+02 | -1.3777E+03 |
| 14.9 | -3.6832E+01 | -1.4996E+03 | 3.3630E+00 | -1.4684E+03 |
| 15.0 | 8.3012E+01 | -1.5921E+03 | 1.2279E+02 | -1.5560E+03 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | 8.3012E+01 | -1.5921E+03 | 1.2279E+02 | -1.5560E+03 |
| 15.1 | 2.1754E+02 | -1.6803E+03 | 2.5649E+02 | -1.6392E+03 |
| 15.2 | 3.6729E+02 | -1.7630E+03 | 4.0496E+02 | -1.7165E+03 |
| 15.3 | 5.3272E+02 | -1.8384E+03 | 5.6861E+02 | -1.7864E+03 |
| 15.4 | 7.1418E+02 | -1.9049E+03 | 7.4776E+02 | -1.8473E+03 |
| 15.5 | 9.1192E+02 | -1.9607E+03 | 9.4261E+02 | -1.8973E+03 |
| 15.6 | 1.1261E+03 | -2.0037E+03 | 1.1532E+03 | -1.9345E+03 |
| 15.7 | 1.3565E+03 | -2.0320E+03 | 1.3795E+03 | -1.9568E+03 |
| 15.8 | 1.6031E+03 | -2.0432E+03 | 1.6212E+03 | -1.9622E+03 |
| 15.9 | 1.8654E+03 | -2.0351E+03 | 1.8779E+03 | -1.9483E+03 |
| 16.0 | 2.1428E+03 | -2.0051E+03 | 2.1490E+03 | -1.9127E+03 |
| 16.1 | 2.4344E+03 | -1.9509E+03 | 2.4334E+03 | -1.8530E+03 |
| 16.2 | 2.7391E+03 | -1.8696E+03 | 2.7302E+03 | -1.7667E+03 |
| 16.3 | 3.0555E+03 | -1.7588E+03 | 3.0378E+03 | -1.6510E+03 |
| 16.4 | 3.3820E+03 | -1.6156E+03 | 3.3545E+03 | -1.5035E+03 |
| 16.5 | 3.7164E+03 | -1.4372E+03 | 3.6784E+03 | -1.3214E+03 |
| 16.6 | 4.0564E+03 | -1.2209E+03 | 4.0071E+03 | -1.1020E+03 |
| 16.7 | 4.3994E+03 | -9.6404E+02 | 4.3377E+03 | -8.4269E+02 |
| 16.8 | 4.7421E+03 | -6.6382E+02 | 4.6673E+03 | -5.4095E+02 |
| 16.9 | 5.0810E+03 | -3.1767E+02 | 4.9922E+03 | -1.9425E+02 |
| 17.0 | 5.4122E+03 | 7.6864E+01 | 5.3087E+03 | 1.9973E+02 |
| 17.1 | 5.7314E+03 | 5.2208E+02 | 5.6123E+03 | 6.4317E+02 |
| 17.2 | 6.0335E+03 | 1.0201E+03 | 5.8982E+03 | 1.1380E+03 |
| 17.3 | 6.3134E+03 | 1.5726E+03 | 6.1612E+03 | 1.6860E+03 |
| 17.4 | 6.5653E+03 | 2.1812E+03 | 6.3957E+03 | 2.2884E+03 |
| 17.5 | 6.7829E+03 | 2.8470E+03 | 6.5954E+03 | 2.9462E+03 |
| 17.6 | 6.9595E+03 | 3.5706E+03 | 6.7539E+03 | 3.6600E+03 |
| 17.7 | 7.0879E+03 | 4.3522E+03 | 6.8639E+03 | 4.4298E+03 |
| 17.8 | 7.1606E+03 | 5.1914E+03 | 6.9182E+03 | 5.2551E+03 |
| 17.9 | 7.1694E+03 | 6.0872E+03 | 6.9087E+03 | 6.1347E+03 |
| 18.0 | 7.1060E+03 | 7.0379E+03 | 6.8272E+03 | 7.0668E+03 |
| 18.1 | 6.9614E+03 | 8.0407E+03 | 6.6652E+03 | 8.0487E+03 |
| 18.2 | 6.7266E+03 | 9.0925E+03 | 6.4136E+03 | 9.0768E+03 |
| 18.3 | 6.3921E+03 | 1.0189E+04 | 6.0633E+03 | 1.0147E+04 |
| 18.4 | 5.9483E+03 | 1.1324E+04 | 5.6049E+03 | 1.1253E+04 |
| 18.5 | 5.3853E+03 | 1.2492E+04 | 5.0290E+03 | 1.2389E+04 |
| 18.6 | 4.6934E+03 | 1.3684E+04 | 4.3259E+03 | 1.3547E+04 |
| 18.7 | 3.8626E+03 | 1.4893E+04 | 3.4861E+03 | 1.4719E+04 |
| 18.8 | 2.8833E+03 | 1.6107E+04 | 2.5004E+03 | 1.5893E+04 |
| 18.9 | 1.7461E+03 | 1.7315E+04 | 1.3595E+03 | 1.7058E+04 |
| 19.0 | 4.4175E+02 | 1.8503E+04 | 5.4834E+01 | 1.8201E+04 |
| 19.1 | -1.0382E+03 | 1.9658E+04 | -1.4218E+03 | 1.9307E+04 |
| 19.2 | -2.7016E+03 | 2.0762E+04 | -3.0779E+03 | 2.0361E+04 |
| 19.3 | -4.5556E+03 | 2.1798E+04 | -4.9200E+03 | 2.1344E+04 |
| 19.4 | -6.6061E+03 | 2.2745E+04 | -6.9538E+03 | 2.2238E+04 |
| 19.5 | -8.8579E+03 | 2.3584E+04 | -9.1836E+03 | 2.3020E+04 |
| 19.6 | -1.1314E+04 | 2.4290E+04 | -1.1612E+04 | 2.3668E+04 |
| 19.7 | -1.3977E+04 | 2.4839E+04 | -1.4241E+04 | 2.4159E+04 |
| 19.8 | -1.6846E+04 | 2.5205E+04 | -1.7070E+04 | 2.4466E+04 |
| 19.9 | -1.9919E+04 | 2.5359E+04 | -2.0095E+04 | 2.4562E+04 |
| 20.0 | -2.3191E+04 | 2.5274E+04 | -2.3312E+04 | 2.4418E+04 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 0.0000E-01 | 0.0000E-01 |
| 0.1 | 9.9914E-01 | 2.3482E-03 | 2.8618E-02 | 4.0974E-02 |
| 0.2 | 9.9656E-01 | 9.3808E-03 | 5.6875E-02 | 8.2044E-02 |
| 0.3 | 9.9221E-01 | 2.1062E-02 | 8.4407E-02 | 1.2330E-01 |
| 0.4 | 9.8601E-01 | 3.7330E-02 | 1.1085E-01 | 1.6484E-01 |
| 0.5 | 9.7788E-01 | 5.8100E-02 | 1.3586E-01 | 2.0673E-01 |
| 0.6 | 9.6768E-01 | 8.3261E-02 | 1.5905E-01 | 2.4904E-01 |
| 0.7 | 9.5527E-01 | 1.1268E-01 | 1.8009E-01 | 2.9182E-01 |
| 0.8 | 9.4047E-01 | 1.4618E-01 | 1.9861E-01 | 3.3510E-01 |
| 0.9 | 9.2309E-01 | 1.8359E-01 | 2.1426E-01 | 3.7889E-01 |
| 1.0 | 9.0290E-01 | 2.2467E-01 | 2.2669E-01 | 4.2318E-01 |
| 1.1 | 8.7968E-01 | 2.6918E-01 | 2.3557E-01 | 4.6793E-01 |
| 1.2 | 8.5318E-01 | 3.1684E-01 | 2.4056E-01 | 5.1307E-01 |
| 1.3 | 8.2313E-01 | 3.6734E-01 | 2.4134E-01 | 5.5850E-01 |
| 1.4 | 7.8927E-01 | 4.2033E-01 | 2.3758E-01 | 6.0409E-01 |
| 1.5 | 7.5133E-01 | 4.7543E-01 | 2.2898E-01 | 6.4967E-01 |
| 1.6 | 7.0901E-01 | 5.3223E-01 | 2.1525E-01 | 6.9502E-01 |
| 1.7 | 6.6206E-01 | 5.9027E-01 | 1.9612E-01 | 7.3991E-01 |
| 1.8 | 6.1020E-01 | 6.4907E-01 | 1.7134E-01 | 7.8405E-01 |
| 1.9 | 5.5318E-01 | 7.0810E-01 | 1.4068E-01 | 8.2711E-01 |
| 2.0 | 4.9076E-01 | 7.6680E-01 | 1.0392E-01 | 8.6872E-01 |
| 2.1 | 4.2271E-01 | 8.2457E-01 | 6.0902E-02 | 9.0846E-01 |
| 2.2 | 3.4885E-01 | 8.8078E-01 | 1.1480E-02 | 9.4588E-01 |
| 2.3 | 2.6902E-01 | 9.3473E-01 | -4.4448E-02 | 9.8049E-01 |
| 2.4 | 1.8309E-01 | 9.8573E-01 | -1.0694E-01 | 1.0117E+00 |
| 2.5 | 9.0979E-02 | 1.0330E+00 | -1.7602E-01 | 1.0390E+00 |
| 2.6 | -7.3340E-03 | 1.0758E+00 | -2.5164E-01 | 1.0618E+00 |
| 2.7 | -1.1183E-01 | 1.1133E+00 | -3.3372E-01 | 1.0794E+00 |
| 2.8 | -2.2241E-01 | 1.1447E+00 | -4.2209E-01 | 1.0910E+00 |
| 2.9 | -3.3892E-01 | 1.1690E+00 | -5.1653E-01 | 1.0961E+00 |
| 3.0 | -4.6114E-01 | 1.1855E+00 | -6.1676E-01 | 1.0938E+00 |
| 3.1 | -5.8875E-01 | 1.1932E+00 | -7.2240E-01 | 1.0833E+00 |
| 3.2 | -7.2134E-01 | 1.1911E+00 | -8.3300E-01 | 1.0640E+00 |
| 3.3 | -8.5844E-01 | 1.1784E+00 | -9.4803E-01 | 1.0350E+00 |
| 3.4 | -9.9945E-01 | 1.1542E+00 | -1.0669E+00 | 9.9557E-01 |
| 3.5 | -1.1437E+00 | 1.1176E+00 | -1.1888E+00 | 9.4487E-01 |
| 3.6 | -1.2903E+00 | 1.0676E+00 | -1.3129E+00 | 8.8216E-01 |
| 3.7 | -1.4385E+00 | 1.0034E+00 | -1.4384E+00 | 8.0669E-01 |
| 3.8 | -1.5871E+00 | 9.2419E-01 | -1.5642E+00 | 7.1776E-01 |
| 3.9 | -1.7351E+00 | 8.2921E-01 | -1.6892E+00 | 6.1470E-01 |
| 4.0 | -1.8812E+00 | 7.1774E-01 | -1.8121E+00 | 4.9690E-01 |
| 4.1 | -2.0239E+00 | 5.8914E-01 | -1.9315E+00 | 3.6383E-01 |
| 4.2 | -2.1618E+00 | 4.4287E-01 | -2.0460E+00 | 2.1502E-01 |
| 4.3 | -2.2933E+00 | 2.7848E-01 | -2.1541E+00 | 5.0113E-02 |
| 4.4 | -2.4166E+00 | 9.5627E-02 | -2.2540E+00 | -1.3114E-01 |
| 4.5 | -2.5297E+00 | -1.0588E-01 | -2.3439E+00 | -3.2888E-01 |
| 4.6 | -2.6309E+00 | -3.2609E-01 | -2.4220E+00 | -5.4309E-01 |
| 4.7 | -2.7179E+00 | -5.6491E-01 | -2.4863E+00 | -7.7361E-01 |
| 4.8 | -2.7886E+00 | -8.2204E-01 | -2.5347E+00 | -1.0201E+00 |
| 4.9 | -2.8408E+00 | -1.0970E+00 | -2.5652E+00 | -1.2821E+00 |
| 5.0 | -2.8720E+00 | -1.3891E+00 | -2.5754E+00 | -1.5588E+00 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | -2.8720E+00 | -1.3891E+00 | -2.5754E+00 | -1.5588E+00 |
| 5.1 | -2.8800E+00 | -1.6974E+00 | -2.5633E+00 | -1.8492E+00 |
| 5.2 | -2.8623E+00 | -2.0207E+00 | -2.5265E+00 | -2.1524E+00 |
| 5.3 | -2.8164E+00 | -2.3577E+00 | -2.4627E+00 | -2.4667E+00 |
| 5.4 | -2.7399E+00 | -2.7066E+00 | -2.3696E+00 | -2.7905E+00 |
| 5.5 | -2.6303E+00 | -3.0653E+00 | -2.2450E+00 | -3.1220E+00 |
| 5.6 | -2.4852E+00 | -3.4317E+00 | -2.0868E+00 | -3.4588E+00 |
| 5.7 | -2.3022E+00 | -3.8030E+00 | -1.8927E+00 | -3.7984E+00 |
| 5.8 | -2.0793E+00 | -4.1765E+00 | -1.6608E+00 | -4.1380E+00 |
| 5.9 | -1.8141E+00 | -4.5487E+00 | -1.3891E+00 | -4.4743E+00 |
| 6.0 | -1.5050E+00 | -4.9161E+00 | -1.0760E+00 | -4.8041E+00 |
| 6.1 | -1.1500E+00 | -5.2747E+00 | -7.2003E-01 | -5.1234E+00 |
| 6.2 | -7.4775E-01 | -5.6203E+00 | -3.1982E-01 | -5.4282E+00 |
| 6.3 | -2.9704E-01 | -5.9482E+00 | 1.2556E-01 | -5.7140E+00 |
| 6.4 | 2.0301E-01 | -6.2535E+00 | 6.1677E-01 | -5.9762E+00 |
| 6.5 | 7.5289E-01 | -6.5309E+00 | 1.1541E+00 | -6.2096E+00 |
| 6.6 | 1.3527E+00 | -6.7748E+00 | 1.7375E+00 | -6.4091E+00 |
| 6.7 | 2.0020E+00 | -6.9795E+00 | 2.3663E+00 | -6.5691E+00 |
| 6.8 | 2.7000E+00 | -7.1387E+00 | 3.0395E+00 | -6.6837E+00 |
| 6.9 | 3.4451E+00 | -7.2461E+00 | 3.7555E+00 | -6.7471E+00 |
| 7.0 | 4.2354E+00 | -7.2952E+00 | 4.5122E+00 | -6.7529E+00 |
| 7.1 | 5.0680E+00 | -7.2793E+00 | 5.3066E+00 | -6.6950E+00 |
| 7.2 | 5.9397E+00 | -7.1915E+00 | 6.1353E+00 | -6.5669E+00 |
| 7.3 | 6.8462E+00 | -7.0251E+00 | 6.9942E+00 | -6.3623E+00 |
| 7.4 | 7.7826E+00 | -6.7732E+00 | 7.8782E+00 | -6.0748E+00 |
| 7.5 | 8.7431E+00 | -6.4291E+00 | 8.7817E+00 | -5.6980E+00 |
| 7.6 | 9.7211E+00 | -5.9860E+00 | 9.6980E+00 | -5.2260E+00 |
| 7.7 | 1.0709E+01 | -5.4377E+00 | 1.0620E+01 | -4.6527E+00 |
| 7.8 | 1.1699E+01 | -4.7779E+00 | 1.1539E+01 | -3.9726E+00 |
| 7.9 | 1.2680E+01 | -4.0012E+00 | 1.2445E+01 | -3.1807E+00 |
| 8.0 | 1.3644E+01 | -3.1023E+00 | 1.3330E+01 | -2.2722E+00 |
| 8.1 | 1.4578E+01 | -2.0766E+00 | 1.4182E+01 | -1.2432E+00 |
| 8.2 | 1.5470E+01 | -9.2034E-01 | 1.4988E+01 | -9.0486E-02 |
| 8.3 | 1.6308E+01 | 3.6944E-01 | 1.5737E+01 | 1.1885E+00 |
| 8.4 | 1.7076E+01 | 1.7947E+00 | 1.6415E+01 | 2.5953E+00 |
| 8.5 | 1.7760E+01 | 3.3565E+00 | 1.7006E+01 | 4.1301E+00 |
| 8.6 | 1.8345E+01 | 5.0544E+00 | 1.7497E+01 | 5.7923E+00 |
| 8.7 | 1.8813E+01 | 6.8867E+00 | 1.7870E+01 | 7.5797E+00 |
| 8.8 | 1.9147E+01 | 8.8502E+00 | 1.8110E+01 | 9.4887E+00 |
| 8.9 | 1.9330E+01 | 1.0940E+01 | 1.8199E+01 | 1.1514E+01 |
| 9.0 | 1.9342E+01 | 1.3150E+01 | 1.8120E+01 | 1.3649E+01 |
| 9.1 | 1.9166E+01 | 1.5472E+01 | 1.7855E+01 | 1.5885E+01 |
| 9.2 | 1.8782E+01 | 1.7894E+01 | 1.7386E+01 | 1.8211E+01 |
| 9.3 | 1.8170E+01 | 2.0404E+01 | 1.6694E+01 | 2.0614E+01 |
| 9.4 | 1.7313E+01 | 2.2988E+01 | 1.5762E+01 | 2.3080E+01 |
| 9.5 | 1.6191E+01 | 2.5628E+01 | 1.4573E+01 | 2.5591E+01 |
| 9.6 | 1.4787E+01 | 2.8304E+01 | 1.3109E+01 | 2.8127E+01 |
| 9.7 | 1.3081E+01 | 3.0994E+01 | 1.1354E+01 | 3.0666E+01 |
| 9.8 | 1.1060E+01 | 3.3674E+01 | 9.2927E+00 | 3.3184E+01 |
| 9.9 | 8.7060E+00 | 3.6314E+01 | 6.9117E+00 | 3.5654E+01 |
| 10.0 | 6.0071E+00 | 3.8885E+01 | 4.1987E+00 | 3.8046E+01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | 6.0071E+00 | 3.8885E+01 | 4.1987E+00 | 3.8046E+01 |
| 10.1 | 2.9511E+00 | 4.1355E+01 | 1.1432E+00 | 4.0327E+01 |
| 10.2 | -4.7131E-01 | 4.3687E+01 | -2.2629E+00 | 4.2463E+01 |
| 10.3 | -4.2670E+00 | 4.5842E+01 | -6.0251E+00 | 4.4416E+01 |
| 10.4 | -8.4399E+00 | 4.7781E+01 | -1.0146E+01 | 4.6146E+01 |
| 10.5 | -1.2991E+01 | 4.9459E+01 | -1.4625E+01 | 4.7613E+01 |
| 10.6 | -1.7916E+01 | 5.0831E+01 | -1.9459E+01 | 4.8770E+01 |
| 10.7 | -2.3210E+01 | 5.1849E+01 | -2.4638E+01 | 4.9572E+01 |
| 10.8 | -2.8860E+01 | 5.2464E+01 | -3.0150E+01 | 4.9973E+01 |
| 10.9 | -3.4849E+01 | 5.2625E+01 | -3.5979E+01 | 4.9921E+01 |
| 11.0 | -4.1157E+01 | 5.2279E+01 | -4.2101E+01 | 4.9367E+01 |
| 11.1 | -4.7757E+01 | 5.1373E+01 | -4.8489E+01 | 4.8261E+01 |
| 11.2 | -5.4614E+01 | 4.9853E+01 | -5.5110E+01 | 4.6550E+01 |
| 11.3 | -6.1691E+01 | 4.7666E+01 | -6.1923E+01 | 4.4184E+01 |
| 11.4 | -6.8940E+01 | 4.4759E+01 | -6.8884E+01 | 4.1112E+01 |
| 11.5 | -7.6309E+01 | 4.1080E+01 | -7.5938E+01 | 3.7287E+01 |
| 11.6 | -8.3739E+01 | 3.6580E+01 | -8.3026E+01 | 3.2659E+01 |
| 11.7 | -9.1161E+01 | 3.1210E+01 | -9.0082E+01 | 2.7187E+01 |
| 11.8 | -9.8500E+01 | 2.4926E+01 | -9.7031E+01 | 2.0827E+01 |
| 11.9 | -1.0567E+02 | 1.7690E+01 | -1.0379E+02 | 1.3544E+01 |
| 12.0 | -1.1259E+02 | 9.4649E+00 | -1.1028E+02 | 5.3063E+00 |
| 12.1 | -1.1916E+02 | 2.2306E-01 | -1.1639E+02 | -3.9124E+00 |
| 12.2 | -1.2527E+02 | -1.0058E+01 | -1.2202E+02 | -1.4131E+01 |
| 12.3 | -1.3080E+02 | -2.1392E+01 | -1.2707E+02 | -2.5360E+01 |
| 12.4 | -1.3565E+02 | -3.3785E+01 | -1.3142E+02 | -3.7601E+01 |
| 12.5 | -1.3968E+02 | -4.7233E+01 | -1.3494E+02 | -5.0848E+01 |
| 12.6 | -1.4275E+02 | -6.1718E+01 | -1.3750E+02 | -6.5081E+01 |
| 12.7 | -1.4474E+02 | -7.7213E+01 | -1.3897E+02 | -8.0270E+01 |
| 12.8 | -1.4550E+02 | -9.3678E+01 | -1.3922E+02 | -9.6371E+01 |
| 12.9 | -1.4487E+02 | -1.1106E+02 | -1.3809E+02 | -1.1333E+02 |
| 13.0 | -1.4272E+02 | -1.2928E+02 | -1.3545E+02 | -1.3106E+02 |
| 13.1 | -1.3889E+02 | -1.4825E+02 | -1.3115E+02 | -1.4949E+02 |
| 13.2 | -1.3323E+02 | -1.6787E+02 | -1.2505E+02 | -1.6850E+02 |
| 13.3 | -1.2558E+02 | -1.8802E+02 | -1.1699E+02 | -1.8798E+02 |
| 13.4 | -1.1580E+02 | -2.0855E+02 | -1.0684E+02 | -2.0777E+02 |
| 13.5 | -1.0375E+02 | -2.2930E+02 | -9.4470E+01 | -2.2771E+02 |
| 13.6 | -8.9288E+01 | -2.5009E+02 | -7.9738E+01 | -2.4763E+02 |
| 13.7 | -7.2287E+01 | -2.7070E+02 | -6.2529E+01 | -2.6732E+02 |
| 13.8 | -5.2630E+01 | -2.9092E+02 | -4.2734E+01 | -2.8655E+02 |
| 13.9 | -3.0212E+01 | -3.1049E+02 | -2.0257E+01 | -3.0507E+02 |
| 14.0 | -4.9469E+00 | -3.2914E+02 | 4.9820E+00 | -3.2263E+02 |
| 14.1 | 2.3236E+01 | -3.4658E+02 | 3.3044E+01 | -3.3893E+02 |
| 14.2 | 5.4383E+01 | -3.6250E+02 | 6.3968E+01 | -3.5367E+02 |
| 14.3 | 8.8519E+01 | -3.7656E+02 | 9.7770E+01 | -3.6651E+02 |
| 14.4 | 1.2564E+02 | -3.8840E+02 | 1.3444E+02 | -3.7712E+02 |
| 14.5 | 1.6571E+02 | -3.9767E+02 | 1.7393E+02 | -3.8512E+02 |
| 14.6 | 2.0866E+02 | -4.0396E+02 | 2.1617E+02 | -3.9015E+02 |
| 14.7 | 2.5438E+02 | -4.0687E+02 | 2.6104E+02 | -3.9180E+02 |
| 14.8 | 3.0274E+02 | -4.0600E+02 | 3.0840E+02 | -3.8968E+02 |
| 14.9 | 3.5353E+02 | -4.0091E+02 | 3.5804E+02 | -3.8337E+02 |
| 15.0 | 4.0653E+02 | -3.9117E+02 | 4.0974E+02 | -3.7247E+02 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | 4.0653E+02 | -3.9117E+02 | 4.0974E+02 | -3.7247E+02 |
| 15.1 | 4.6145E+02 | -3.7636E+02 | 4.6320E+02 | -3.5654E+02 |
| 15.2 | 5.1796E+02 | -3.5604E+02 | 5.1808E+02 | -3.3518E+02 |
| 15.3 | 5.7566E+02 | -3.2980E+02 | 5.7399E+02 | -3.0798E+02 |
| 15.4 | 6.3410E+02 | -2.9720E+02 | 6.3048E+02 | -2.7455E+02 |
| 15.5 | 6.9278E+02 | -2.5787E+02 | 6.8705E+02 | -2.3450E+02 |
| 15.6 | 7.5114E+02 | -2.1142E+02 | 7.4314E+02 | -1.8749E+02 |
| 15.7 | 8.0853E+02 | -1.5752E+02 | 7.9811E+02 | -1.3319E+02 |
| 15.8 | 8.6427E+02 | -9.5851E+01 | 8.5129E+02 | -7.1315E+01 |
| 15.9 | 9.1761E+02 | -2.6153E+01 | 9.0193E+02 | -1.6183E+00 |
| 16.0 | 9.6772E+02 | 5.1788E+01 | 9.4922E+02 | 7.6092E+01 |
| 16.1 | 1.0137E+03 | 1.3813E+02 | 9.9229E+02 | 1.6195E+02 |
| 16.2 | 1.0547E+03 | 2.3295E+02 | 1.0302E+03 | 2.5602E+02 |
| 16.3 | 1.0896E+03 | 3.3627E+02 | 1.0621E+03 | 3.5828E+02 |
| 16.4 | 1.1175E+03 | 4.4801E+02 | 1.0868E+03 | 4.6866E+02 |
| 16.5 | 1.1371E+03 | 5.6800E+02 | 1.1032E+03 | 5.8696E+02 |
| 16.6 | 1.1475E+03 | 6.9598E+02 | 1.1104E+03 | 7.1289E+02 |
| 16.7 | 1.1473E+03 | 8.3155E+02 | 1.1071E+03 | 8.4605E+02 |
| 16.8 | 1.1355E+03 | 9.7422E+02 | 1.0921E+03 | 9.8592E+02 |
| 16.9 | 1.1107E+03 | 1.1233E+03 | 1.0643E+03 | 1.1319E+03 |
| 17.0 | 1.0717E+03 | 1.2781E+03 | 1.0225E+03 | 1.2831E+03 |
| 17.1 | 1.0174E+03 | 1.4377E+03 | 9.6545E+02 | 1.4386E+03 |
| 17.2 | 9.4638E+02 | 1.6010E+03 | 8.9199E+02 | 1.5975E+03 |
| 17.3 | 8.5758E+02 | 1.7667E+03 | 8.0098E+02 | 1.7583E+03 |
| 17.4 | 7.4982E+02 | 1.9334E+03 | 6.9132E+02 | 1.9198E+03 |
| 17.5 | 6.2201E+02 | 2.0996E+03 | 5.6197E+02 | 2.0803E+03 |
| 17.6 | 4.7315E+02 | 2.2635E+03 | 4.1197E+02 | 2.2382E+03 |
| 17.7 | 3.0231E+02 | 2.4232E+03 | 2.4047E+02 | 2.3914E+03 |
| 17.8 | 1.0871E+02 | 2.5765E+03 | 4.6721E+01 | 2.5379E+03 |
| 17.9 | -1.0831E+02 | 2.7212E+03 | -1.6987E+02 | 2.6755E+03 |
| 18.0 | -3.4924E+02 | 2.8547E+03 | -4.0973E+02 | 2.8016E+03 |
| 18.1 | -6.1437E+02 | 2.9745E+03 | -6.7312E+02 | 2.9137E+03 |
| 18.2 | -9.0380E+02 | 3.0777E+03 | -9.6006E+02 | 3.0090E+03 |
| 18.3 | -1.2174E+03 | 3.1614E+03 | -1.2704E+03 | 3.0846E+03 |
| 18.4 | -1.5547E+03 | 3.2224E+03 | -1.6036E+03 | 3.1375E+03 |
| 18.5 | -1.9151E+03 | 3.2575E+03 | -1.9589E+03 | 3.1644E+03 |
| 18.6 | -2.2975E+03 | 3.2633E+03 | -2.3353E+03 | 3.1621E+03 |
| 18.7 | -2.7005E+03 | 3.2365E+03 | -2.7315E+03 | 3.1272E+03 |
| 18.8 | -3.1225E+03 | 3.1734E+03 | -3.1455E+03 | 3.0564E+03 |
| 18.9 | -3.5613E+03 | 3.0706E+03 | -3.5753E+03 | 2.9461E+03 |
| 19.0 | -4.0144E+03 | 2.9244E+03 | -4.0183E+03 | 2.7928E+03 |
| 19.1 | -4.4787E+03 | 2.7315E+03 | -4.4716E+03 | 2.5933E+03 |
| 19.2 | -4.9510E+03 | 2.4882E+03 | -4.9316E+03 | 2.3442E+03 |
| 19.3 | -5.4271E+03 | 2.1914E+03 | -5.3944E+03 | 2.0422E+03 |
| 19.4 | -5.9028E+03 | 1.8377E+03 | -5.8557E+03 | 1.6843E+03 |
| 19.5 | -6.3731E+03 | 1.4243E+03 | -6.3105E+03 | 1.2677E+03 |
| 19.6 | -6.8325E+03 | 9.4841E+02 | -6.7535E+03 | 7.8977E+02 |
| 19.7 | -7.2751E+03 | 4.0771E+02 | -7.1787E+03 | 2.4835E+02 |
| 19.8 | -7.6945E+03 | -1.9979E+02 | -7.5798E+03 | -3.5842E+02 |
| 19.9 | -8.0835E+03 | -8.7562E+02 | -7.9497E+03 | -1.0319E+03 |
| 20.0 | -8.4348E+03 | -1.6208E+03 | -8.2812E+03 | -1.7730E+03 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 0.0000E-01 | 0.0000E-01 |
| 0.1 | 9.9875E-01 | 2.1637E-03 | 2.4938E-02 | 4.3301E-02 |
| 0.2 | 9.9499E-01 | 8.6386E-03 | 4.9500E-02 | 8.6602E-02 |
| 0.3 | 9.8869E-01 | 1.9376E-02 | 7.3316E-02 | 1.2990E-01 |
| 0.4 | 9.7980E-01 | 3.4295E-02 | 9.6013E-02 | 1.7318E-01 |
| 0.5 | 9.6827E-01 | 5.3281E-02 | 1.1723E-01 | 2.1644E-01 |
| 0.6 | 9.5401E-01 | 7.6189E-02 | 1.3660E-01 | 2.5963E-01 |
| 0.7 | 9.3693E-01 | 1.0284E-01 | 1.5378E-01 | 3.0273E-01 |
| 0.8 | 9.1691E-01 | 1.3302E-01 | 1.6843E-01 | 3.4568E-01 |
| 0.9 | 8.9385E-01 | 1.6649E-01 | 1.8022E-01 | 3.8840E-01 |
| 1.0 | 8.6762E-01 | 2.0298E-01 | 1.8883E-01 | 4.3080E-01 |
| 1.1 | 8.3807E-01 | 2.4217E-01 | 1.9396E-01 | 4.7277E-01 |
| 1.2 | 8.0508E-01 | 2.8373E-01 | 1.9533E-01 | 5.1417E-01 |
| 1.3 | 7.6850E-01 | 3.2730E-01 | 1.9269E-01 | 5.5484E-01 |
| 1.4 | 7.2820E-01 | 3.7245E-01 | 1.8577E-01 | 5.9458E-01 |
| 1.5 | 6.8405E-01 | 4.1878E-01 | 1.7439E-01 | 6.3320E-01 |
| 1.6 | 6.3593E-01 | 4.6582E-01 | 1.5834E-01 | 6.7043E-01 |
| 1.7 | 5.8373E-01 | 5.1308E-01 | 1.3746E-01 | 7.0603E-01 |
| 1.8 | 5.2736E-01 | 5.6006E-01 | 1.1163E-01 | 7.3968E-01 |
| 1.9 | 4.6676E-01 | 6.0620E-01 | 8.0763E-02 | 7.7108E-01 |
| 2.0 | 4.0188E-01 | 6.5096E-01 | 4.4798E-02 | 7.9986E-01 |
| 2.1 | 3.3270E-01 | 6.9375E-01 | 3.7232E-03 | 8.2566E-01 |
| 2.2 | 2.5925E-01 | 7.3397E-01 | -4.2431E-02 | 8.4809E-01 |
| 2.3 | 1.8159E-01 | 7.7100E-01 | -9.3589E-02 | 8.6672E-01 |
| 2.4 | 9.9813E-02 | 8.0422E-01 | -1.4963E-01 | 8.8113E-01 |
| 2.5 | 1.4068E-02 | 8.3299E-01 | -2.1037E-01 | 8.9086E-01 |
| 2.6 | -7.5450E-02 | 8.5666E-01 | -2.7558E-01 | 8.9544E-01 |
| 2.7 | -1.6849E-01 | 8.7458E-01 | -3.4499E-01 | 8.9441E-01 |
| 2.8 | -2.6475E-01 | 8.8613E-01 | -4.1823E-01 | 8.8730E-01 |
| 2.9 | -3.6387E-01 | 8.9067E-01 | -4.9492E-01 | 8.7364E-01 |
| 3.0 | -4.6541E-01 | 8.8757E-01 | -5.7459E-01 | 8.5294E-01 |
| 3.1 | -5.6889E-01 | 8.7624E-01 | -6.5670E-01 | 8.2477E-01 |
| 3.2 | -6.7374E-01 | 8.5612E-01 | -7.4067E-01 | 7.8868E-01 |
| 3.3 | -7.7934E-01 | 8.2665E-01 | -8.2584E-01 | 7.4426E-01 |
| 3.4 | -8.8499E-01 | 7.8734E-01 | -9.1148E-01 | 6.9113E-01 |
| 3.5 | -9.8993E-01 | 7.3775E-01 | -9.9682E-01 | 6.2895E-01 |
| 3.6 | -1.0933E+00 | 6.7746E-01 | -1.0810E+00 | 5.5741E-01 |
| 3.7 | -1.1943E+00 | 6.0615E-01 | -1.1631E+00 | 4.7629E-01 |
| 3.8 | -1.2918E+00 | 5.2355E-01 | -1.2422E+00 | 3.8538E-01 |
| 3.9 | -1.3849E+00 | 4.2948E-01 | -1.3173E+00 | 2.8459E-01 |
| 4.0 | -1.4724E+00 | 3.2384E-01 | -1.3872E+00 | 1.7387E-01 |
| 4.1 | -1.5533E+00 | 2.0662E-01 | -1.4509E+00 | 5.3277E-02 |
| 4.2 | -1.6263E+00 | 7.7924E-02 | -1.5071E+00 | -7.7046E-02 |
| 4.3 | -1.6903E+00 | -6.2038E-02 | -1.5548E+00 | -2.1685E-01 |
| 4.4 | -1.7438E+00 | -2.1293E-01 | -1.5927E+00 | -3.6579E-01 |
| 4.5 | -1.7858E+00 | -3.7430E-01 | -1.6195E+00 | -5.2339E-01 |
| 4.6 | -1.8147E+00 | -5.4556E-01 | -1.6340E+00 | -6.8904E-01 |
| 4.7 | -1.8294E+00 | -7.2596E-01 | -1.6350E+00 | -8.6203E-01 |
| 4.8 | -1.8285E+00 | -9.1464E-01 | -1.6213E+00 | -1.0415E+00 |
| 4.9 | -1.8107E+00 | -1.1106E+00 | -1.5915E+00 | -1.2264E+00 |
| 5.0 | -1.7748E+00 | -1.3125E+00 | -1.5446E+00 | -1.4157E+00 |

| R | RE(I0) | IM(I0) | RE(II) | IM(II) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | -1.7748E+00 | -1.3125E+00 | -1.5446E+00 | -1.4157E+00 |
| 5.1 | -1.7195E+00 | -1.5192E+00 | -1.4795E+00 | -1.6080E+00 |
| 5.2 | -1.6438E+00 | -1.7290E+00 | -1.3951E+00 | -1.8019E+00 |
| 5.3 | -1.5466E+00 | -1.9404E+00 | -1.2904E+00 | -1.9958E+00 |
| 5.4 | -1.4269E+00 | -2.1515E+00 | -1.1647E+00 | -2.1879E+00 |
| 5.5 | -1.2839E+00 | -2.3603E+00 | -1.0171E+00 | -2.3764E+00 |
| 5.6 | -1.1168E+00 | -2.5646E+00 | -8.4712E-01 | -2.5592E+00 |
| 5.7 | -9.2517E-01 | -2.7621E+00 | -6.5424E-01 | -2.7341E+00 |
| 5.8 | -7.0858E-01 | -2.9505E+00 | -4.3821E-01 | -2.8989E+00 |
| 5.9 | -4.6686E-01 | -3.1270E+00 | -1.9896E-01 | -3.0511E+00 |
| 6.0 | -2.0005E-01 | -3.2891E+00 | 6.3382E-02 | -3.1882E+00 |
| 6.1 | 9.1558E-02 | -3.4339E+00 | 3.4845E-01 | -3.3075E+00 |
| 6.2 | 4.0745E-01 | -3.5585E+00 | 6.5564E-01 | -3.4064E+00 |
| 6.3 | 7.4681E-01 | -3.6600E+00 | 9.8406E-01 | -3.4820E+00 |
| 6.4 | 1.1085E+00 | -3.7353E+00 | 1.3326E+00 | -3.5315E+00 |
| 6.5 | 1.4912E+00 | -3.7813E+00 | 1.6997E+00 | -3.5522E+00 |
| 6.6 | 1.8931E+00 | -3.7951E+00 | 2.0837E+00 | -3.5411E+00 |
| 6.7 | 2.3122E+00 | -3.7735E+00 | 2.4825E+00 | -3.4956E+00 |
| 6.8 | 2.7460E+00 | -3.7137E+00 | 2.8935E+00 | -3.4128E+00 |
| 6.9 | 3.1917E+00 | -3.6127E+00 | 3.3142E+00 | -3.2901E+00 |
| 7.0 | 3.6461E+00 | -3.4678E+00 | 3.7413E+00 | -3.1251E+00 |
| 7.1 | 4.1058E+00 | -3.2763E+00 | 4.1713E+00 | -2.9153E+00 |
| 7.2 | 4.5668E+00 | -3.0360E+00 | 4.6005E+00 | -2.6588E+00 |
| 7.3 | 5.0249E+00 | -2.7447E+00 | 5.0246E+00 | -2.3535E+00 |
| 7.4 | 5.4753E+00 | -2.4005E+00 | 5.4392E+00 | -1.9979E+00 |
| 7.5 | 5.9131E+00 | -2.0020E+00 | 5.8393E+00 | -1.5908E+00 |
| 7.6 | 6.3329E+00 | -1.5479E+00 | 6.2197E+00 | -1.1313E+00 |
| 7.7 | 6.7291E+00 | -1.0377E+00 | 6.5751E+00 | -6.1887E-01 |
| 7.8 | 7.0956E+00 | -4.7098E-01 | 6.8996E+00 | -5.3558E-02 |
| 7.9 | 7.4262E+00 | 1.5184E-01 | 7.1873E+00 | 5.6414E-01 |
| 8.0 | 7.7144E+00 | 8.2992E-01 | 7.4319E+00 | 1.2331E+00 |
| 8.1 | 7.9536E+00 | 1.5618E+00 | 7.6270E+00 | 1.9518E+00 |
| 8.2 | 8.1368E+00 | 2.3453E+00 | 7.7662E+00 | 2.7179E+00 |
| 8.3 | 8.2571E+00 | 3.1777E+00 | 7.8429E+00 | 3.5283E+00 |
| 8.4 | 8.3076E+00 | 4.0553E+00 | 7.8504E+00 | 4.3794E+00 |
| 8.5 | 8.2813E+00 | 4.9738E+00 | 7.7822E+00 | 5.2669E+00 |
| 8.6 | 8.1713E+00 | 5.9280E+00 | 7.6318E+00 | 6.1854E+00 |
| 8.7 | 7.9709E+00 | 6.9120E+00 | 7.3930E+00 | 7.1290E+00 |
| 8.8 | 7.6737E+00 | 7.9190E+00 | 7.0598E+00 | 8.0909E+00 |
| 8.9 | 7.2736E+00 | 8.9412E+00 | 6.6265E+00 | 9.0635E+00 |
| 9.0 | 6.7647E+00 | 9.9701E+00 | 6.0879E+00 | 1.0038E+01 |
| 9.1 | 6.1420E+00 | 1.0996E+01 | 5.4393E+00 | 1.1006E+01 |
| 9.2 | 5.4010E+00 | 1.2009E+01 | 4.6767E+00 | 1.1956E+01 |
| 9.3 | 4.5377E+00 | 1.2998E+01 | 3.7967E+00 | 1.2879E+01 |
| 9.4 | 3.5492E+00 | 1.3951E+01 | 2.7968E+00 | 1.3761E+01 |
| 9.5 | 2.4334E+00 | 1.4854E+01 | 1.6755E+00 | 1.4591E+01 |
| 9.6 | 1.1893E+00 | 1.5695E+01 | 4.3211E-01 | 1.5356E+01 |
| 9.7 | -1.8293E-01 | 1.6460E+01 | -9.3268E-01 | 1.6042E+01 |
| 9.8 | -1.6819E+00 | 1.7133E+01 | -2.4170E+00 | 1.6635E+01 |
| 9.9 | -3.3047E+00 | 1.7699E+01 | -4.0178E+00 | 1.7120E+01 |
| 10.0 | -5.0472E+00 | 1.8144E+01 | -5.7302E+00 | 1.7482E+01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | -5.0472E+00 | 1.8144E+01 | -5.7302E+00 | 1.7482E+01 |
| 10.1 | -6.9034E+00 | 1.8450E+01 | -7.5481E+00 | 1.7705E+01 |
| 10.2 | -8.8658E+00 | 1.8602E+01 | -9.4638E+00 | 1.7775E+01 |
| 10.3 | -1.0925E+01 | 1.8583E+01 | -1.1468E+01 | 1.7676E+01 |
| 10.4 | -1.3070E+01 | 1.8378E+01 | -1.3548E+01 | 1.7393E+01 |
| 10.5 | -1.5288E+01 | 1.7970E+01 | -1.5692E+01 | 1.6911E+01 |
| 10.6 | -1.7563E+01 | 1.7346E+01 | -1.7885E+01 | 1.6215E+01 |
| 10.7 | -1.9879E+01 | 1.6489E+01 | -2.0110E+01 | 1.5293E+01 |
| 10.8 | -2.2216E+01 | 1.5388E+01 | -2.2347E+01 | 1.4131E+01 |
| 10.9 | -2.4554E+01 | 1.4028E+01 | -2.4575E+01 | 1.2718E+01 |
| 11.0 | -2.6868E+01 | 1.2399E+01 | -2.6773E+01 | 1.1045E+01 |
| 11.1 | -2.9135E+01 | 1.0492E+01 | -2.8914E+01 | 9.1013E+00 |
| 11.2 | -3.1327E+01 | 8.2991E+00 | -3.0974E+01 | 6.8816E+00 |
| 11.3 | -3.3415E+01 | 5.8142E+00 | -3.2922E+01 | 4.3811E+00 |
| 11.4 | -3.5367E+01 | 3.0344E+00 | -3.4729E+01 | 1.5976E+00 |
| 11.5 | -3.7153E+01 | -4.1006E-02 | -3.6364E+01 | -1.4687E+00 |
| 11.6 | -3.8738E+01 | -3.4097E+00 | -3.7794E+01 | -4.8145E+00 |
| 11.7 | -4.0087E+01 | -7.0662E+00 | -3.8984E+01 | -8.4336E+00 |
| 11.8 | -4.1163E+01 | -1.1002E+01 | -3.9900E+01 | -1.2316E+01 |
| 11.9 | -4.1931E+01 | -1.5204E+01 | -4.0507E+01 | -1.6450E+01 |
| 12.0 | -4.2352E+01 | -1.9657E+01 | -4.0767E+01 | -2.0817E+01 |
| 12.1 | -4.2390E+01 | -2.4339E+01 | -4.0646E+01 | -2.5397E+01 |
| 12.2 | -4.2006E+01 | -2.9227E+01 | -4.0107E+01 | -3.0164E+01 |
| 12.3 | -4.1164E+01 | -3.4292E+01 | -3.9115E+01 | -3.5090E+01 |
| 12.4 | -3.9828E+01 | -3.9499E+01 | -3.7637E+01 | -4.0140E+01 |
| 12.5 | -3.7964E+01 | -4.4811E+01 | -3.5639E+01 | -4.5277E+01 |
| 12.6 | -3.5539E+01 | -5.0185E+01 | -3.3091E+01 | -5.0458E+01 |
| 12.7 | -3.2524E+01 | -5.5572E+01 | -2.9966E+01 | -5.5634E+01 |
| 12.8 | -2.8891E+01 | -6.0920E+01 | -2.6239E+01 | -6.0754E+01 |
| 12.9 | -2.4618E+01 | -6.6172E+01 | -2.1887E+01 | -6.5761E+01 |
| 13.0 | -1.9684E+01 | -7.1266E+01 | -1.6895E+01 | -7.0594E+01 |
| 13.1 | -1.4076E+01 | -7.6135E+01 | -1.1249E+01 | -7.5188E+01 |
| 13.2 | -7.7839E+00 | -8.0709E+01 | -4.9424E+00 | -7.9474E+01 |
| 13.3 | -8.0482E-01 | -8.4913E+01 | 2.0261E+00 | -8.3379E+01 |
| 13.4 | 6.8580E+00 | -8.8669E+01 | 9.6512E+00 | -8.6825E+01 |
| 13.5 | 1.5194E+01 | -9.1896E+01 | 1.7920E+01 | -8.9735E+01 |
| 13.6 | 2.4185E+01 | -9.4510E+01 | 2.6814E+01 | -9.2026E+01 |
| 13.7 | 3.3805E+01 | -9.6426E+01 | 3.6303E+01 | -9.3616E+01 |
| 13.8 | 4.4017E+01 | -9.7555E+01 | 4.6352E+01 | -9.4419E+01 |
| 13.9 | 5.4777E+01 | -9.7810E+01 | 5.6913E+01 | -9.4350E+01 |
| 14.0 | 6.6030E+01 | -9.7103E+01 | 6.7932E+01 | -9.3326E+01 |
| 14.1 | 7.7711E+01 | -9.5348E+01 | 7.9341E+01 | -9.1263E+01 |
| 14.2 | 8.9744E+01 | -9.2459E+01 | 9.1065E+01 | -8.8080E+01 |
| 14.3 | 1.0204E+02 | -8.8356E+01 | 1.0302E+02 | -8.3699E+01 |
| 14.4 | 1.1451E+02 | -8.2961E+01 | 1.1510E+02 | -7.8047E+01 |
| 14.5 | 1.2703E+02 | -7.6203E+01 | 1.2720E+02 | -7.1056E+01 |
| 14.6 | 1.3949E+02 | -6.8015E+01 | 1.3920E+02 | -6.2666E+01 |
| 14.7 | 1.5176E+02 | -5.8341E+01 | 1.5098E+02 | -5.2822E+01 |
| 14.8 | 1.6369E+02 | -4.7133E+01 | 1.6238E+02 | -4.1482E+01 |
| 14.9 | 1.7513E+02 | -3.4353E+01 | 1.7326E+02 | -2.8614E+01 |
| 15.0 | 1.8592E+02 | -1.9978E+01 | 1.8346E+02 | -1.4195E+01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | 1.8592E+02 | -1.9978E+01 | 1.8346E+02 | -1.4195E+01 |
| 15.1 | 1.958E+02 | -3.9945E+00 | 1.9281E+02 | 1.7797E+00 |
| 15.2 | 2.0483E+02 | 1.3592E+01 | 2.0113E+02 | 1.9303E+01 |
| 15.3 | 2.1258E+02 | 3.2763E+01 | 2.0823E+02 | 3.8351E+01 |
| 15.4 | 2.1894E+02 | 5.3478E+01 | 2.1393E+02 | 5.8881E+01 |
| 15.5 | 2.2371E+02 | 7.5681E+01 | 2.1802E+02 | 8.0833E+01 |
| 15.6 | 2.2668E+02 | 9.9294E+01 | 2.2031E+02 | 1.0412E+02 |
| 15.7 | 2.2764E+02 | 1.2422E+02 | 2.2060E+02 | 1.2865E+02 |
| 15.8 | 2.2638E+02 | 1.5032E+02 | 2.1868E+02 | 1.5429E+02 |
| 15.9 | 2.2271E+02 | 1.7747E+02 | 2.1436E+02 | 1.8089E+02 |
| 16.0 | 2.1642E+02 | 2.0548E+02 | 2.0745E+02 | 2.0827E+02 |
| 16.1 | 2.0732E+02 | 2.3416E+02 | 1.9776E+02 | 2.3625E+02 |
| 16.2 | 1.9522E+02 | 2.6328E+02 | 1.8512E+02 | 2.6458E+02 |
| 16.3 | 1.7995E+02 | 2.9259E+02 | 1.6935E+02 | 2.9303E+02 |
| 16.4 | 1.6135E+02 | 3.2181E+02 | 1.5031E+02 | 3.2132E+02 |
| 16.5 | 1.3928E+02 | 3.5065E+02 | 1.2787E+02 | 3.4914E+02 |
| 16.6 | 1.1363E+02 | 3.7876E+02 | 1.0192E+02 | 3.7616E+02 |
| 16.7 | 8.4295E+01 | 4.0580E+02 | 7.2376E+01 | 4.0204E+02 |
| 16.8 | 5.1215E+01 | 4.3137E+02 | 3.9183E+01 | 4.2640E+02 |
| 16.9 | 1.4354E+01 | 4.5508E+02 | 2.3133E+00 | 4.4884E+02 |
| 17.0 | -2.6288E+01 | 4.7651E+02 | -3.8223E+01 | 4.6894E+02 |
| 17.1 | -7.0672E+01 | 4.9521E+02 | -8.2378E+01 | 4.8627E+02 |
| 17.2 | -1.1872E+02 | 5.1071E+02 | -1.3006E+02 | 5.0038E+02 |
| 17.3 | -1.7030E+02 | 5.2256E+02 | -1.8114E+02 | 5.1081E+02 |
| 17.4 | -2.2524E+02 | 5.3026E+02 | -2.3544E+02 | 5.1708E+02 |
| 17.5 | -2.8332E+02 | 5.3332E+02 | -2.9272E+02 | 5.1872E+02 |
| 17.6 | -3.4425E+02 | 5.3127E+02 | -3.5270E+02 | 5.1525E+02 |
| 17.7 | -4.0771E+02 | 5.2360E+02 | -4.1503E+02 | 5.0621E+02 |
| 17.8 | -4.7329E+02 | 5.0984E+02 | -4.7932E+02 | 4.9112E+02 |
| 17.9 | -5.4054E+02 | 4.8954E+02 | -5.4512E+02 | 4.6955E+02 |
| 18.0 | -6.0895E+02 | 4.6224E+02 | -6.1189E+02 | 4.4107E+02 |
| 18.1 | -6.7792E+02 | 4.2753E+02 | -6.7907E+02 | 4.0527E+02 |
| 18.2 | -7.4682E+02 | 3.8503E+02 | -7.4601E+02 | 3.6181E+02 |
| 18.3 | -8.1494E+02 | 3.3439E+02 | -8.1200E+02 | 3.1035E+02 |
| 18.4 | -8.8151E+02 | 2.7533E+02 | -8.7628E+02 | 2.5062E+02 |
| 18.5 | -9.4569E+02 | 2.0761E+02 | -9.3803E+02 | 1.8241E+02 |
| 18.6 | -1.0066E+03 | 1.3105E+02 | -9.9637E+02 | 1.0557E+02 |
| 18.7 | -1.0633E+03 | 4.5568E+01 | -1.0504E+03 | 2.0019E+01 |
| 18.8 | -1.1148E+03 | -4.8863E+01 | -1.0990E+03 | -7.4238E+01 |
| 18.9 | -1.1600E+03 | -1.5217E+02 | -1.1413E+03 | -1.7711E+02 |
| 19.0 | -1.1979E+03 | -2.6419E+02 | -1.1762E+03 | -2.8842E+02 |
| 19.1 | -1.2273E+03 | -3.8463E+02 | -1.2026E+03 | -4.0786E+02 |
| 19.2 | -1.2471E+03 | -5.1312E+02 | -1.2194E+03 | -5.3503E+02 |
| 19.3 | -1.2562E+03 | -6.4914E+02 | -1.2254E+03 | -6.6940E+02 |
| 19.4 | -1.2533E+03 | -7.9206E+02 | -1.2195E+03 | -8.1034E+02 |
| 19.5 | -1.2374E+03 | -9.4111E+02 | -1.2006E+03 | -9.5705E+02 |
| 19.6 | -1.2072E+03 | -1.0954E+03 | -1.1675E+03 | -1.1086E+03 |
| 19.7 | -1.1617E+03 | -1.2538E+03 | -1.1193E+03 | -1.2640E+03 |
| 19.8 | -1.0999E+03 | -1.4152E+03 | -1.0548E+03 | -1.4220E+03 |
| 19.9 | -1.0206E+03 | -1.5782E+03 | -9.7318E+02 | -1.5812E+03 |
| 20.0 | -9.2302E+02 | -1.7414E+03 | -8.7347E+02 | -1.7401E+03 |

| R | RE(I0) | IM(I0) | RE(II) | IM(II) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 0.0000E-01 | 0.0000E-01 |
| 0.1 | 9.9839E-01 | 1.9136E-03 | 2.1071E-02 | 4.5299E-02 |
| 0.2 | 9.9357E-01 | 7.6358E-03 | 4.1780E-02 | 9.0501E-02 |
| 0.3 | 9.8552E-01 | 1.7112E-02 | 6.1768E-02 | 1.3551E-01 |
| 0.4 | 9.7422E-01 | 3.0249E-02 | 8.0682E-02 | 1.8021E-01 |
| 0.5 | 9.5966E-01 | 4.6919E-02 | 9.8175E-02 | 2.2451E-01 |
| 0.6 | 9.4181E-01 | 6.6960E-02 | 1.1391E-01 | 2.6828E-01 |
| 0.7 | 9.2065E-01 | 9.0172E-02 | 1.2757E-01 | 3.1141E-01 |
| 0.8 | 8.9614E-01 | 1.1632E-01 | 1.3884E-01 | 3.5376E-01 |
| 0.9 | 8.6825E-01 | 1.4514E-01 | 1.4743E-01 | 3.9519E-01 |
| 1.0 | 8.3696E-01 | 1.7634E-01 | 1.5307E-01 | 4.3554E-01 |
| 1.1 | 8.0224E-01 | 2.0959E-01 | 1.5551E-01 | 4.7464E-01 |
| 1.2 | 7.6407E-01 | 2.4453E-01 | 1.5454E-01 | 5.1231E-01 |
| 1.3 | 7.2244E-01 | 2.8077E-01 | 1.4995E-01 | 5.4835E-01 |
| 1.4 | 6.7735E-01 | 3.1792E-01 | 1.4159E-01 | 5.8255E-01 |
| 1.5 | 6.2882E-01 | 3.5553E-01 | 1.2931E-01 | 6.1470E-01 |
| 1.6 | 5.7687E-01 | 3.9316E-01 | 1.1303E-01 | 6.4454E-01 |
| 1.7 | 5.2156E-01 | 4.3034E-01 | 9.2665E-02 | 6.7184E-01 |
| 1.8 | 4.6295E-01 | 4.6658E-01 | 6.8204E-02 | 6.9633E-01 |
| 1.9 | 4.0114E-01 | 5.0139E-01 | 3.9656E-02 | 7.1773E-01 |
| 2.0 | 3.3625E-01 | 5.3426E-01 | 7.0786E-03 | 7.3577E-01 |
| 2.1 | 2.6843E-01 | 5.6469E-01 | -2.9431E-02 | 7.5016E-01 |
| 2.2 | 1.9785E-01 | 5.9216E-01 | -6.9732E-02 | 7.6062E-01 |
| 2.3 | 1.2474E-01 | 6.1617E-01 | -1.1364E-01 | 7.6683E-01 |
| 2.4 | 4.9339E-02 | 6.3622E-01 | -1.6091E-01 | 7.6853E-01 |
| 2.5 | -2.8064E-02 | 6.5180E-01 | -2.1128E-01 | 7.6541E-01 |
| 2.6 | -1.0714E-01 | 6.6246E-01 | -2.6441E-01 | 7.5721E-01 |
| 2.7 | -1.8754E-01 | 6.6773E-01 | -3.1994E-01 | 7.4365E-01 |
| 2.8 | -2.6884E-01 | 6.6718E-01 | -3.7745E-01 | 7.2449E-01 |
| 2.9 | -3.5061E-01 | 6.6042E-01 | -4.3648E-01 | 6.9949E-01 |
| 3.0 | -4.3236E-01 | 6.4708E-01 | -4.9652E-01 | 6.6845E-01 |
| 3.1 | -5.1356E-01 | 6.2682E-01 | -5.5702E-01 | 6.3120E-01 |
| 3.2 | -5.9366E-01 | 5.9937E-01 | -6.1740E-01 | 5.8758E-01 |
| 3.3 | -6.7205E-01 | 5.6450E-01 | -6.7704E-01 | 5.3750E-01 |
| 3.4 | -7.4809E-01 | 5.2203E-01 | -7.3527E-01 | 4.8089E-01 |
| 3.5 | -8.2113E-01 | 4.7185E-01 | -7.9141E-01 | 4.1774E-01 |
| 3.6 | -8.9047E-01 | 4.1388E-01 | -8.4474E-01 | 3.4808E-01 |
| 3.7 | -9.5539E-01 | 3.4817E-01 | -8.9452E-01 | 2.7202E-01 |
| 3.8 | -1.0151E+00 | 2.7478E-01 | -9.3999E-01 | 1.8970E-01 |
| 3.9 | -1.0690E+00 | 1.9388E-01 | -9.8040E-01 | 1.0134E-01 |
| 4.0 | -1.1161E+00 | 1.0573E-01 | -1.0150E+00 | 7.2322E-03 |
| 4.1 | -1.1558E+00 | 1.0645E-02 | -1.0429E+00 | -9.2263E-02 |
| 4.2 | -1.1873E+00 | -9.0953E-02 | -1.0635E+00 | -1.9671E-01 |
| 4.3 | -1.2098E+00 | -1.9856E-01 | -1.0759E+00 | -3.0561E-01 |
| 4.4 | -1.2226E+00 | -3.1159E-01 | -1.0794E+00 | -4.1836E-01 |
| 4.5 | -1.2250E+00 | -4.2934E-01 | -1.0734E+00 | -5.3430E-01 |
| 4.6 | -1.2163E+00 | -5.5105E-01 | -1.0572E+00 | -6.5268E-01 |
| 4.7 | -1.1958E+00 | -6.7584E-01 | -1.0302E+00 | -7.7267E-01 |
| 4.8 | -1.1631E+00 | -8.0276E-01 | -9.9179E-01 | -8.9337E-01 |
| 4.9 | -1.1176E+00 | -9.3076E-01 | -9.4153E-01 | -1.0138E+00 |
| 5.0 | -1.0588E+00 | -1.0587E+00 | -8.7899E-01 | -1.1329E+00 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | -1.0588E+00 | -1.0587E+00 | -8.7899E-01 | -1.1329E+00 |
| 5.1 | -9.8641E-01 | -1.1854E+00 | -8.0386E-01 | -1.2495E+00 |
| 5.2 | -9.0017E-01 | -1.3096E+00 | -7.1591E-01 | -1.3625E+00 |
| 5.3 | -7.9992E-01 | -1.4299E+00 | -6.1501E-01 | -1.4705E+00 |
| 5.4 | -6.8561E-01 | -1.5449E+00 | -5.0114E-01 | -1.5724E+00 |
| 5.5 | -5.5732E-01 | -1.6531E+00 | -3.7442E-01 | -1.6667E+00 |
| 5.6 | -4.1525E-01 | -1.7531E+00 | -2.3508E-01 | -1.7521E+00 |
| 5.7 | -2.5975E-01 | -1.8433E+00 | -8.3499E-02 | -1.8271E+00 |
| 5.8 | -9.1313E-02 | -1.9222E+00 | 7.9818E-02 | -1.8904E+00 |
| 5.9 | 8.9407E-02 | -1.9881E+00 | 2.5420E-01 | -1.9404E+00 |
| 6.0 | 2.8161E-01 | -2.0396E+00 | 4.3883E-01 | -1.9759E+00 |
| 6.1 | 4.8431E-01 | -2.0751E+00 | 6.3272E-01 | -1.9955E+00 |
| 6.2 | 6.9638E-01 | -2.0931E+00 | 8.3474E-01 | -1.9977E+00 |
| 6.3 | 9.1650E-01 | -2.0922E+00 | 1.0436E+00 | -1.9813E+00 |
| 6.4 | 1.1432E+00 | -2.0709E+00 | 1.2578E+00 | -1.9451E+00 |
| 6.5 | 1.3748E+00 | -2.0282E+00 | 1.4757E+00 | -1.8880E+00 |
| 6.6 | 1.6095E+00 | -1.9627E+00 | 1.6956E+00 | -1.8089E+00 |
| 6.7 | 1.8453E+00 | -1.8734E+00 | 1.9155E+00 | -1.7071E+00 |
| 6.8 | 2.0801E+00 | -1.7595E+00 | 2.1332E+00 | -1.5816E+00 |
| 6.9 | 2.3115E+00 | -1.6202E+00 | 2.3467E+00 | -1.4320E+00 |
| 7.0 | 2.5372E+00 | -1.4550E+00 | 2.5535E+00 | -1.2580E+00 |
| 7.1 | 2.7545E+00 | -1.2636E+00 | 2.7511E+00 | -1.0592E+00 |
| 7.2 | 2.9608E+00 | -1.0459E+00 | 2.9370E+00 | -8.3569E-01 |
| 7.3 | 3.1533E+00 | -8.0197E-01 | 3.1084E+00 | -5.8780E-01 |
| 7.4 | 3.3291E+00 | -5.3230E-01 | 3.2628E+00 | -3.1602E-01 |
| 7.5 | 3.4854E+00 | -2.3754E-01 | 3.3972E+00 | -2.1120E-02 |
| 7.6 | 3.6191E+00 | 8.1322E-02 | 3.5089E+00 | 2.9583E-01 |
| 7.7 | 3.7274E+00 | 4.2301E-01 | 3.5951E+00 | 6.3347E-01 |
| 7.8 | 3.8072E+00 | 7.8593E-01 | 3.6530E+00 | 9.9015E-01 |
| 7.9 | 3.8557E+00 | 1.1682E+00 | 3.6799E+00 | 1.3639E+00 |
| 8.0 | 3.8701E+00 | 1.5674E+00 | 3.6731E+00 | 1.7524E+00 |
| 8.1 | 3.8476E+00 | 1.9812E+00 | 3.6302E+00 | 2.1532E+00 |
| 8.2 | 3.7858E+00 | 2.4064E+00 | 3.5488E+00 | 2.5631E+00 |
| 8.3 | 3.6822E+00 | 2.8399E+00 | 3.4268E+00 | 2.9791E+00 |
| 8.4 | 3.5348E+00 | 3.2781E+00 | 3.2621E+00 | 3.3976E+00 |
| 8.5 | 3.3415E+00 | 3.7170E+00 | 3.0532E+00 | 3.8147E+00 |
| 8.6 | 3.1009E+00 | 4.1525E+00 | 2.7986E+00 | 4.2263E+00 |
| 8.7 | 2.8117E+00 | 4.5800E+00 | 2.4972E+00 | 4.6280E+00 |
| 8.8 | 2.4729E+00 | 4.9947E+00 | 2.1485E+00 | 5.0151E+00 |
| 8.9 | 2.0841E+00 | 5.3916E+00 | 1.7520E+00 | 5.3827E+00 |
| 9.0 | 1.6454E+00 | 5.7655E+00 | 1.3081E+00 | 5.7259E+00 |
| 9.1 | 1.1570E+00 | 6.1108E+00 | 8.1729E-01 | 6.0393E+00 |
| 9.2 | 6.2017E-01 | 6.4222E+00 | 2.8075E-01 | 6.3176E+00 |
| 9.3 | 3.6249E-02 | 6.6938E+00 | -2.9984E-01 | 6.5554E+00 |
| 9.4 | -5.9261E-01 | 6.9200E+00 | -9.2223E-01 | 6.7471E+00 |
| 9.5 | -1.2637E+00 | 7.0950E+00 | -1.5836E+00 | 6.8875E+00 |
| 9.6 | -1.9737E+00 | 7.2132E+00 | -2.2805E+00 | 6.9710E+00 |
| 9.7 | -2.7186E+00 | 7.2691E+00 | -3.0089E+00 | 6.9925E+00 |
| 9.8 | -3.4938E+00 | 7.2571E+00 | -3.7642E+00 | 6.9468E+00 |
| 9.9 | -4.2941E+00 | 7.1723E+00 | -4.5410E+00 | 6.8292E+00 |
| 10.0 | -5.1134E+00 | 7.0097E+00 | -5.3334E+00 | 6.6353E+00 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | -5.1134E+00 | 7.0097E+00 | -5.3334E+00 | 6.6353E+00 |
| 10.1 | -5.9453E+00 | 6.7650E+00 | -6.1348E+00 | 6.3609E+00 |
| 10.2 | -6.7824E+00 | 6.4341E+00 | -6.9382E+00 | 6.0024E+00 |
| 10.3 | -7.6170E+00 | 6.0136E+00 | -7.7356E+00 | 5.5567E+00 |
| 10.4 | -8.4406E+00 | 5.5007E+00 | -8.5190E+00 | 5.0214E+00 |
| 10.5 | -9.2442E+00 | 4.8933E+00 | -9.2793E+00 | 4.3946E+00 |
| 10.6 | -1.0018E+01 | 4.1899E+00 | -1.0007E+01 | 3.6754E+00 |
| 10.7 | -1.0753E+01 | 3.3900E+00 | -1.0693E+01 | 2.8636E+00 |
| 10.8 | -1.1438E+01 | 2.4939E+00 | -1.1327E+01 | 1.9598E+00 |
| 10.9 | -1.2062E+01 | 1.5030E+00 | -1.1899E+01 | 9.6560E-01 |
| 11.0 | -1.2615E+01 | 4.1966E-01 | -1.2397E+01 | -1.1622E-01 |
| 11.1 | -1.3085E+01 | -7.5266E-01 | -1.2812E+01 | -1.2820E+00 |
| 11.2 | -1.3462E+01 | -2.0093E+00 | -1.3133E+01 | -2.5267E+00 |
| 11.3 | -1.3733E+01 | -3.3445E+00 | -1.3348E+01 | -3.8445E+00 |
| 11.4 | -1.3889E+01 | -4.7512E+00 | -1.3447E+01 | -5.2281E+00 |
| 11.5 | -1.3919E+01 | -6.2209E+00 | -1.3421E+01 | -6.6690E+00 |
| 11.6 | -1.3812E+01 | -7.7442E+00 | -1.3260E+01 | -8.1574E+00 |
| 11.7 | -1.3558E+01 | -9.3101E+00 | -1.2953E+01 | -9.6825E+00 |
| 11.8 | -1.3148E+01 | -1.0906E+01 | -1.2494E+01 | -1.1232E+01 |
| 11.9 | -1.2575E+01 | -1.2519E+01 | -1.1874E+01 | -1.2793E+01 |
| 12.0 | -1.1831E+01 | -1.4135E+01 | -1.1086E+01 | -1.4350E+01 |
| 12.1 | -1.0909E+01 | -1.5736E+01 | -1.0125E+01 | -1.5887E+01 |
| 12.2 | -9.8057E+00 | -1.7307E+01 | -8.9872E+00 | -1.7389E+01 |
| 12.3 | -8.5162E+00 | -1.8829E+01 | -7.6690E+00 | -1.8836E+01 |
| 12.4 | -7.0392E+00 | -2.0283E+01 | -6.1692E+00 | -2.0211E+01 |
| 12.5 | -5.3744E+00 | -2.1649E+01 | -4.4884E+00 | -2.1494E+01 |
| 12.6 | -3.5234E+00 | -2.2906E+01 | -2.6286E+00 | -2.2665E+01 |
| 12.7 | -1.4899E+00 | -2.4034E+01 | -5.9421E-01 | -2.3702E+01 |
| 12.8 | 7.2037E-01 | -2.5010E+01 | 1.6087E+00 | -2.4586E+01 |
| 12.9 | 3.0995E+00 | -2.5813E+01 | 3.9717E+00 | -2.5294E+01 |
| 13.0 | 5.6371E+00 | -2.6421E+01 | 6.4840E+00 | -2.5807E+01 |
| 13.1 | 8.3206E+00 | -2.6812E+01 | 9.1327E+00 | -2.6102E+01 |
| 13.2 | 1.1135E+01 | -2.6964E+01 | 1.1902E+01 | -2.6159E+01 |
| 13.3 | 1.4062E+01 | -2.6859E+01 | 1.4775E+01 | -2.5960E+01 |
| 13.4 | 1.7082E+01 | -2.6474E+01 | 1.7730E+01 | -2.5484E+01 |
| 13.5 | 2.0172E+01 | -2.5793E+01 | 2.0745E+01 | -2.4715E+01 |
| 13.6 | 2.3306E+01 | -2.4798E+01 | 2.3794E+01 | -2.3637E+01 |
| 13.7 | 2.6458E+01 | -2.3473E+01 | 2.6850E+01 | -2.2235E+01 |
| 13.8 | 2.9596E+01 | -2.1806E+01 | 2.9883E+01 | -2.0497E+01 |
| 13.9 | 3.2688E+01 | -1.9786E+01 | 3.2860E+01 | -1.8413E+01 |
| 14.0 | 3.5699E+01 | -1.7404E+01 | 3.5747E+01 | -1.5977E+01 |
| 14.1 | 3.8593E+01 | -1.4655E+01 | 3.8509E+01 | -1.3184E+01 |
| 14.2 | 4.1330E+01 | -1.1538E+01 | 4.1107E+01 | -1.0034E+01 |
| 14.3 | 4.3872E+01 | -8.0535E+00 | 4.3501E+01 | -6.5281E+00 |
| 14.4 | 4.6177E+01 | -4.2071E+00 | 4.5653E+01 | -2.6736E+00 |
| 14.5 | 4.8201E+01 | -8.2156E-03 | 4.7519E+01 | 1.5193E+00 |
| 14.6 | 4.9903E+01 | 4.5294E+00 | 4.9059E+01 | 6.0362E+00 |
| 14.7 | 5.1239E+01 | 9.3876E+00 | 5.0230E+01 | 1.0858E+01 |
| 14.8 | 5.2167E+01 | 1.4544E+01 | 5.0991E+01 | 1.5961E+01 |
| 14.9 | 5.2642E+01 | 1.9969E+01 | 5.1301E+01 | 2.1317E+01 |
| 15.0 | 5.2625E+01 | 2.5632E+01 | 5.1119E+01 | 2.6893E+01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | 5.2625E+01 | 2.5632E+01 | 5.1119E+01 | 2.6893E+01 |
| 15.1 | 5.2075E+01 | 3.1495E+01 | 5.0409E+01 | 3.2650E+01 |
| 15.2 | 5.0955E+01 | 3.7514E+01 | 4.9133E+01 | 3.8547E+01 |
| 15.3 | 4.9230E+01 | 4.3642E+01 | 4.7259E+01 | 4.4534E+01 |
| 15.4 | 4.6868E+01 | 4.9826E+01 | 4.4756E+01 | 5.0558E+01 |
| 15.5 | 4.3840E+01 | 5.6008E+01 | 4.1599E+01 | 5.6564E+01 |
| 15.6 | 4.0124E+01 | 6.2126E+01 | 3.7766E+01 | 6.2488E+01 |
| 15.7 | 3.5700E+01 | 6.8112E+01 | 3.3241E+01 | 6.8264E+01 |
| 15.8 | 3.0557E+01 | 7.3897E+01 | 2.8012E+01 | 7.3822E+01 |
| 15.9 | 2.4686E+01 | 7.9404E+01 | 2.2074E+01 | 7.9089E+01 |
| 16.0 | 1.8088E+01 | 8.4556E+01 | 1.5429E+01 | 8.3988E+01 |
| 16.1 | 1.0770E+01 | 8.9272E+01 | 8.0873E+00 | 8.8438E+01 |
| 16.2 | 2.7472E+00 | 9.3469E+01 | 6.4474E-02 | 9.2359E+01 |
| 16.3 | -5.9566E+00 | 9.7062E+01 | -8.6138E+00 | 9.5668E+01 |
| 16.4 | -1.5310E+01 | 9.9965E+01 | -1.7914E+01 | 9.8282E+01 |
| 16.5 | -2.5270E+01 | 1.0209E+02 | -2.7794E+01 | 1.0012E+02 |
| 16.6 | -3.5788E+01 | 1.0336E+02 | -3.8200E+01 | 1.0109E+02 |
| 16.7 | -4.6801E+01 | 1.0369E+02 | -4.9072E+01 | 1.0112E+02 |
| 16.8 | -5.8239E+01 | 1.0299E+02 | -6.0337E+01 | 1.0013E+02 |
| 16.9 | -7.0023E+01 | 1.0119E+02 | -7.1915E+01 | 9.8054E+01 |
| 17.0 | -8.2059E+01 | 9.8217E+01 | -8.3714E+01 | 9.4813E+01 |
| 17.1 | -9.4249E+01 | 9.4008E+01 | -9.5634E+01 | 9.0347E+01 |
| 17.2 | -1.0648E+02 | 8.8501E+01 | -1.0756E+02 | 8.4601E+01 |
| 17.3 | -1.1863E+02 | 8.1646E+01 | -1.1938E+02 | 7.7528E+01 |
| 17.4 | -1.3058E+02 | 7.3402E+01 | -1.3097E+02 | 6.9091E+01 |
| 17.5 | -1.4218E+02 | 6.3738E+01 | -1.4217E+02 | 5.9262E+01 |
| 17.6 | -1.5329E+02 | 5.2636E+01 | -1.5286E+02 | 4.8026E+01 |
| 17.7 | -1.6375E+02 | 4.0090E+01 | -1.6288E+02 | 3.5381E+01 |
| 17.8 | -1.7342E+02 | 2.6108E+01 | -1.7208E+02 | 2.1339E+01 |
| 17.9 | -1.8211E+02 | 1.0713E+01 | -1.8028E+02 | 5.9264E+00 |
| 18.0 | -1.8967E+02 | -6.0540E+00 | -1.8734E+02 | -1.0814E+01 |
| 18.1 | -1.9593E+02 | -2.4137E+01 | -1.9308E+02 | -2.8823E+01 |
| 18.2 | -2.0071E+02 | -4.3461E+01 | -1.9734E+02 | -4.8021E+01 |
| 18.3 | -2.0385E+02 | -6.3931E+01 | -1.9995E+02 | -6.8314E+01 |
| 18.4 | -2.0517E+02 | -8.5436E+01 | -2.0074E+02 | -8.9586E+01 |
| 18.5 | -2.0452E+02 | -1.0784E+02 | -1.9957E+02 | -1.1170E+02 |
| 18.6 | -2.0174E+02 | -1.3100E+02 | -1.9627E+02 | -1.3451E+02 |
| 18.7 | -1.9668E+02 | -1.5473E+02 | -1.9072E+02 | -1.5784E+02 |
| 18.8 | -1.8921E+02 | -1.7884E+02 | -1.8277E+02 | -1.8149E+02 |
| 18.9 | -1.7920E+02 | -2.0312E+02 | -1.7231E+02 | -2.0524E+02 |
| 19.0 | -1.6654E+02 | -2.2734E+02 | -1.5924E+02 | -2.2888E+02 |
| 19.1 | -1.5114E+02 | -2.5125E+02 | -1.4348E+02 | -2.5215E+02 |
| 19.2 | -1.3294E+02 | -2.7457E+02 | -1.2496E+02 | -2.7478E+02 |
| 19.3 | -1.1188E+02 | -2.9703E+02 | -1.0364E+02 | -2.9650E+02 |
| 19.4 | -8.7954E+01 | -3.1831E+02 | -7.9502E+01 | -3.1700E+02 |
| 19.5 | -6.1152E+01 | -3.3812E+02 | -5.2562E+01 | -3.3597E+02 |
| 19.6 | -3.1514E+01 | -3.5613E+02 | -2.2861E+01 | -3.5311E+02 |
| 19.7 | 8.9332E-01 | -3.7200E+02 | 9.5307E+00 | -3.6807E+02 |
| 19.8 | 3.5970E+01 | -3.8540E+02 | 4.4507E+01 | -3.8054E+02 |
| 19.9 | 7.3581E+01 | -3.9599E+02 | 8.1927E+01 | -3.9017E+02 |
| 20.0 | 1.1355E+02 | -4.0342E+02 | 1.2161E+02 | -3.9664E+02 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 0.0000E-01 | 0.0000E-01 |
| 0.1 | 9.9809E-01 | 1.6054E-03 | 1.7047E-02 | 4.6953E-02 |
| 0.2 | 9.9234E-01 | 6.4033E-03 | 3.3770E-02 | 9.3719E-02 |
| 0.3 | 9.8279E-01 | 1.4338E-02 | 4.9848E-02 | 1.4011E-01 |
| 0.4 | 9.6943E-01 | 2.5319E-02 | 6.4966E-02 | 1.8593E-01 |
| 0.5 | 9.5230E-01 | 3.9218E-02 | 7.8819E-02 | 2.3100E-01 |
| 0.6 | 9.3142E-01 | 5.5874E-02 | 9.1113E-02 | 2.7512E-01 |
| 0.7 | 9.0684E-01 | 7.5091E-02 | 1.0157E-01 | 3.1810E-01 |
| 0.8 | 8.7860E-01 | 9.6641E-02 | 1.0993E-01 | 3.5974E-01 |
| 0.9 | 8.4677E-01 | 1.2027E-01 | 1.1595E-01 | 3.9983E-01 |
| 1.0 | 8.1141E-01 | 1.4568E-01 | 1.1941E-01 | 4.3818E-01 |
| 1.1 | 7.7261E-01 | 1.7258E-01 | 1.2013E-01 | 4.7459E-01 |
| 1.2 | 7.3047E-01 | 2.0061E-01 | 1.1794E-01 | 5.0884E-01 |
| 1.3 | 6.8509E-01 | 2.2942E-01 | 1.1270E-01 | 5.4072E-01 |
| 1.4 | 6.3660E-01 | 2.5865E-01 | 1.0432E-01 | 5.7003E-01 |
| 1.5 | 5.8515E-01 | 2.8789E-01 | 9.2717E-02 | 5.9655E-01 |
| 1.6 | 5.3089E-01 | 3.1674E-01 | 7.7870E-02 | 6.2008E-01 |
| 1.7 | 4.7400E-01 | 3.4480E-01 | 5.9777E-02 | 6.4041E-01 |
| 1.8 | 4.1469E-01 | 3.7165E-01 | 3.8479E-02 | 6.5734E-01 |
| 1.9 | 3.5317E-01 | 3.9686E-01 | 1.4054E-02 | 6.7067E-01 |
| 2.0 | 2.8969E-01 | 4.2003E-01 | -1.3382E-02 | 6.8020E-01 |
| 2.1 | 2.2451E-01 | 4.4074E-01 | -4.3673E-02 | 6.8576E-01 |
| 2.2 | 1.5792E-01 | 4.5860E-01 | -7.6626E-02 | 6.8718E-01 |
| 2.3 | 9.0228E-02 | 4.7322E-01 | -1.1201E-01 | 6.8429E-01 |
| 2.4 | 2.1768E-02 | 4.8424E-01 | -1.4955E-01 | 6.7696E-01 |
| 2.5 | -4.7106E-02 | 4.9131E-01 | -1.8896E-01 | 6.6506E-01 |
| 2.6 | -1.1602E-01 | 4.9411E-01 | -2.2988E-01 | 6.4848E-01 |
| 2.7 | -1.8457E-01 | 4.9237E-01 | -2.7194E-01 | 6.2714E-01 |
| 2.8 | -2.5234E-01 | 4.8583E-01 | -3.1476E-01 | 6.0100E-01 |
| 2.9 | -3.1890E-01 | 4.7426E-01 | -3.5788E-01 | 5.7002E-01 |
| 3.0 | -3.8380E-01 | 4.5751E-01 | -4.0086E-01 | 5.3420E-01 |
| 3.1 | -4.4656E-01 | 4.3543E-01 | -4.4323E-01 | 4.9359E-01 |
| 3.2 | -5.0672E-01 | 4.0795E-01 | -4.8448E-01 | 4.4825E-01 |
| 3.3 | -5.6378E-01 | 3.7504E-01 | -5.2411E-01 | 3.9829E-01 |
| 3.4 | -6.1726E-01 | 3.3671E-01 | -5.6159E-01 | 3.4386E-01 |
| 3.5 | -6.6666E-01 | 2.9305E-01 | -5.9640E-01 | 2.8516E-01 |
| 3.6 | -7.1149E-01 | 2.4419E-01 | -6.2801E-01 | 2.2241E-01 |
| 3.7 | -7.5126E-01 | 1.9031E-01 | -6.5590E-01 | 1.5589E-01 |
| 3.8 | -7.8549E-01 | 1.3167E-01 | -6.7955E-01 | 8.5924E-02 |
| 3.9 | -8.1374E-01 | 6.8588E-02 | -6.9845E-01 | 1.2879E-02 |
| 4.0 | -8.3555E-01 | 1.4231E-03 | -7.1212E-01 | -6.2832E-02 |
| 4.1 | -8.5051E-01 | -6.9392E-02 | -7.2012E-01 | -1.4075E-01 |
| 4.2 | -8.5823E-01 | -1.4337E-01 | -7.2200E-01 | -2.2038E-01 |
| 4.3 | -8.5837E-01 | -2.1997E-01 | -7.1737E-01 | -3.0117E-01 |
| 4.4 | -8.5060E-01 | -2.9859E-01 | -7.0590E-01 | -3.8254E-01 |
| 4.5 | -8.3468E-01 | -3.7858E-01 | -6.8726E-01 | -4.6386E-01 |
| 4.6 | -8.1038E-01 | -4.5924E-01 | -6.6122E-01 | -5.4446E-01 |
| 4.7 | -7.7754E-01 | -5.3983E-01 | -6.2758E-01 | -6.2366E-01 |
| 4.8 | -7.3608E-01 | -6.1958E-01 | -5.8622E-01 | -7.0073E-01 |
| 4.9 | -6.8595E-01 | -6.9766E-01 | -5.3706E-01 | -7.7493E-01 |
| 5.0 | -6.2720E-01 | -7.7324E-01 | -4.8012E-01 | -8.4548E-01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | -6.2720E-01 | -7.7324E-01 | -4.8012E-01 | -8.4548E-01 |
| 5.1 | -5.5994E-01 | -8.4544E-01 | -4.1548E-01 | -9.1162E-01 |
| 5.2 | -4.8437E-01 | -9.1338E-01 | -3.4330E-01 | -9.7254E-01 |
| 5.3 | -4.0075E-01 | -9.7619E-01 | -2.6384E-01 | -1.0275E+00 |
| 5.4 | -3.0945E-01 | -1.0330E+00 | -1.7742E-01 | -1.0756E+00 |
| 5.5 | -2.1090E-01 | -1.0828E+00 | -8.4458E-02 | -1.1162E+00 |
| 5.6 | -1.0564E-01 | -1.1249E+00 | 1.4545E-02 | -1.1485E+00 |
| 5.7 | 5.7123E-03 | -1.1584E+00 | 1.1900E-01 | -1.1717E+00 |
| 5.8 | 1.2246E-01 | -1.1824E+00 | 2.2822E-01 | -1.1853E+00 |
| 5.9 | 2.4381E-01 | -1.1963E+00 | 3.4146E-01 | -1.1885E+00 |
| 6.0 | 3.6888E-01 | -1.1993E+00 | 4.5786E-01 | -1.1808E+00 |
| 6.1 | 4.9672E-01 | -1.1908E+00 | 5.7651E-01 | -1.1617E+00 |
| 6.2 | 6.2629E-01 | -1.1703E+00 | 6.9640E-01 | -1.1307E+00 |
| 6.3 | 7.5648E-01 | -1.1372E+00 | 8.1646E-01 | -1.0875E+00 |
| 6.4 | 8.8612E-01 | -1.0911E+00 | 9.3555E-01 | -1.0317E+00 |
| 6.5 | 1.0140E+00 | -1.0318E+00 | 1.0525E+00 | -9.6330E-01 |
| 6.6 | 1.1387E+00 | -9.5915E-01 | 1.1660E+00 | -8.8211E-01 |
| 6.7 | 1.2590E+00 | -8.7303E-01 | 1.2749E+00 | -7.8821E-01 |
| 6.8 | 1.3736E+00 | -7.7352E-01 | 1.3777E+00 | -6.8175E-01 |
| 6.9 | 1.4810E+00 | -6.6083E-01 | 1.4732E+00 | -5.6303E-01 |
| 7.0 | 1.5797E+00 | -5.3529E-01 | 1.5601E+00 | -4.3247E-01 |
| 7.1 | 1.6685E+00 | -3.9740E-01 | 1.6369E+00 | -2.9061E-01 |
| 7.2 | 1.7458E+00 | -2.4777E-01 | 1.7023E+00 | -1.3815E-01 |
| 7.3 | 1.8104E+00 | -8.7194E-02 | 1.7552E+00 | 2.4090E-02 |
| 7.4 | 1.8609E+00 | 8.3404E-02 | 1.7941E+00 | 1.9513E-01 |
| 7.5 | 1.8961E+00 | 2.6294E-01 | 1.8179E+00 | 3.7387E-01 |
| 7.6 | 1.9146E+00 | 4.5020E-01 | 1.8255E+00 | 5.5905E-01 |
| 7.7 | 1.9155E+00 | 6.4379E-01 | 1.8159E+00 | 7.4930E-01 |
| 7.8 | 1.8977E+00 | 8.4220E-01 | 1.7881E+00 | 9.4310E-01 |
| 7.9 | 1.8603E+00 | 1.0438E+00 | 1.7413E+00 | 1.1388E+00 |
| 8.0 | 1.8026E+00 | 1.2467E+00 | 1.6749E+00 | 1.3347E+00 |
| 8.1 | 1.7239E+00 | 1.4492E+00 | 1.5883E+00 | 1.5289E+00 |
| 8.2 | 1.6238E+00 | 1.6491E+00 | 1.4811E+00 | 1.7194E+00 |
| 8.3 | 1.5020E+00 | 1.8445E+00 | 1.3533E+00 | 1.9042E+00 |
| 8.4 | 1.3585E+00 | 2.0330E+00 | 1.2047E+00 | 2.0812E+00 |
| 8.5 | 1.1933E+00 | 2.2125E+00 | 1.0355E+00 | 2.2483E+00 |
| 8.6 | 1.0069E+00 | 2.3806E+00 | 8.4629E-01 | 2.4032E+00 |
| 8.7 | 7.9978E-01 | 2.5351E+00 | 6.3757E-01 | 2.5438E+00 |
| 8.8 | 5.7275E-01 | 2.6737E+00 | 4.1022E-01 | 2.6677E+00 |
| 8.9 | 3.2686E-01 | 2.7940E+00 | 1.6533E-01 | 2.7729E+00 |
| 9.0 | 6.3387E-02 | 2.8937E+00 | -9.5752E-02 | 2.8573E+00 |
| 9.1 | -2.1613E-01 | 2.9707E+00 | -3.7148E-01 | 2.9186E+00 |
| 9.2 | -5.0991E-01 | 3.0228E+00 | -6.6004E-01 | 2.9551E+00 |
| 9.3 | -8.1594E-01 | 3.0481E+00 | -9.5940E-01 | 2.9647E+00 |
| 9.4 | -1.1319E+00 | 3.0447E+00 | -1.2673E+00 | 2.9459E+00 |
| 9.5 | -1.4554E+00 | 3.0110E+00 | -1.5812E+00 | 2.8971E+00 |
| 9.6 | -1.7836E+00 | 2.9453E+00 | -1.8985E+00 | 2.8170E+00 |
| 9.7 | -2.1137E+00 | 2.8465E+00 | -2.2162E+00 | 2.7044E+00 |
| 9.8 | -2.4424E+00 | 2.7135E+00 | -2.5313E+00 | 2.5584E+00 |
| 9.9 | -2.7665E+00 | 2.5455E+00 | -2.8405E+00 | 2.3786E+00 |
| 10.0 | -3.0826E+00 | 2.3422E+00 | -3.1404E+00 | 2.1645E+00 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | -3.0826E+00 | 2.3422E+00 | -3.1404E+00 | 2.1645E+00 |
| 10.1 | -3.3869E+00 | 2.1034E+00 | -3.4275E+00 | 1.9162E+00 |
| 10.2 | -3.6759E+00 | 1.8293E+00 | -3.6983E+00 | 1.6341E+00 |
| 10.3 | -3.9457E+00 | 1.5204E+00 | -3.9490E+00 | 1.3188E+00 |
| 10.4 | -4.1926E+00 | 1.1777E+00 | -4.1760E+00 | 9.7134E-01 |
| 10.5 | -4.4127E+00 | 8.0249E-01 | -4.3756E+00 | 5.9324E-01 |
| 10.6 | -4.6021E+00 | 3.9655E-01 | -4.5441E+00 | 1.8630E-01 |
| 10.7 | -4.7573E+00 | -3.8001E-02 | -4.6780E+00 | -2.4726E-01 |
| 10.8 | -4.8745E+00 | -4.9863E-01 | -4.7739E+00 | -7.0482E-01 |
| 10.9 | -4.9503E+00 | -9.8235E-01 | -4.8283E+00 | -1.1833E+00 |
| 11.0 | -4.9813E+00 | -1.4858E+00 | -4.8383E+00 | -1.6794E+00 |
| 11.1 | -4.9646E+00 | -2.0052E+00 | -4.8009E+00 | -2.1893E+00 |
| 11.2 | -4.8974E+00 | -2.5364E+00 | -4.7137E+00 | -2.7087E+00 |
| 11.3 | -4.7772E+00 | -3.0748E+00 | -4.5744E+00 | -3.2333E+00 |
| 11.4 | -4.6020E+00 | -3.6156E+00 | -4.3811E+00 | -3.7580E+00 |
| 11.5 | -4.3701E+00 | -4.1535E+00 | -4.1324E+00 | -4.2778E+00 |
| 11.6 | -4.0804E+00 | -4.6829E+00 | -3.8273E+00 | -4.7872E+00 |
| 11.7 | -3.7321E+00 | -5.1982E+00 | -3.4654E+00 | -5.2805E+00 |
| 11.8 | -3.3251E+00 | -5.6934E+00 | -3.0465E+00 | -5.7519E+00 |
| 11.9 | -2.8597E+00 | -6.1622E+00 | -2.5715E+00 | -6.1954E+00 |
| 12.0 | -2.3371E+00 | -6.5983E+00 | -2.0413E+00 | -6.6047E+00 |
| 12.1 | -1.7587E+00 | -6.9955E+00 | -1.4579E+00 | -6.9738E+00 |
| 12.2 | -1.1270E+00 | -7.3473E+00 | -8.2373E-01 | -7.2964E+00 |
| 12.3 | -4.4490E-01 | -7.6473E+00 | -1.4183E-01 | -7.5666E+00 |
| 12.4 | 2.8399E-01 | -7.8894E+00 | 5.8400E-01 | -7.7782E+00 |
| 12.5 | 1.0553E+00 | -8.0676E+00 | 1.3493E+00 | -7.9255E+00 |
| 12.6 | 1.8640E+00 | -8.1761E+00 | 2.1490E+00 | -8.0031E+00 |
| 12.7 | 2.7044E+00 | -8.2095E+00 | 2.9773E+00 | -8.0058E+00 |
| 12.8 | 3.5700E+00 | -8.1626E+00 | 3.8277E+00 | -7.9288E+00 |
| 12.9 | 4.4539E+00 | -8.0310E+00 | 4.6933E+00 | -7.7680E+00 |
| 13.0 | 5.3483E+00 | -7.8107E+00 | 5.5663E+00 | -7.5196E+00 |
| 13.1 | 6.2450E+00 | -7.4982E+00 | 6.4386E+00 | -7.1805E+00 |
| 13.2 | 7.1352E+00 | -7.0910E+00 | 7.3014E+00 | -6.7485E+00 |
| 13.3 | 8.0096E+00 | -6.5872E+00 | 8.1456E+00 | -6.2220E+00 |
| 13.4 | 8.8584E+00 | -5.9856E+00 | 8.9616E+00 | -5.6001E+00 |
| 13.5 | 9.6717E+00 | -5.2861E+00 | 9.7394E+00 | -4.8832E+00 |
| 13.6 | 1.0439E+01 | -4.4896E+00 | 1.0469E+01 | -4.0722E+00 |
| 13.7 | 1.1150E+01 | -3.5980E+00 | 1.1140E+01 | -3.1694E+00 |
| 13.8 | 1.1793E+01 | -2.6140E+00 | 1.1742E+01 | -2.1779E+00 |
| 13.9 | 1.2359E+01 | -1.5417E+00 | 1.2264E+01 | -1.1019E+00 |
| 14.0 | 1.2836E+01 | -3.8637E-01 | 1.2697E+01 | 5.3164E-02 |
| 14.1 | 1.3214E+01 | 8.4585E-01 | 1.3030E+01 | 1.2808E+00 |
| 14.2 | 1.3483E+01 | 2.1474E+00 | 1.3254E+01 | 2.5735E+00 |
| 14.3 | 1.3633E+01 | 3.5097E+00 | 1.3359E+01 | 3.9223E+00 |
| 14.4 | 1.3657E+01 | 4.9230E+00 | 1.3337E+01 | 5.3175E+00 |
| 14.5 | 1.3544E+01 | 6.3762E+00 | 1.3180E+01 | 6.7480E+00 |
| 14.6 | 1.3288E+01 | 7.8575E+00 | 1.2881E+01 | 8.2018E+00 |
| 14.7 | 1.2881E+01 | 9.3536E+00 | 1.2434E+01 | 9.6658E+00 |
| 14.8 | 1.2320E+01 | 1.0851E+01 | 1.1834E+01 | 1.1126E+01 |
| 14.9 | 1.1599E+01 | 1.2334E+01 | 1.1077E+01 | 1.2568E+01 |
| 15.0 | 1.0715E+01 | 1.3787E+01 | 1.0160E+01 | 1.3976E+01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | 1.0715E+01 | 1.3787E+01 | 1.0160E+01 | 1.3976E+01 |
| 15.1 | 9.6669E+00 | 1.5194E+01 | 9.0831E+00 | 1.5333E+01 |
| 15.2 | 8.4548E+00 | 1.6537E+01 | 7.8461E+00 | 1.6623E+01 |
| 15.3 | 7.0803E+00 | 1.7799E+01 | 6.4512E+00 | 1.7829E+01 |
| 15.4 | 5.5469E+00 | 1.8963E+01 | 4.9025E+00 | 1.8932E+01 |
| 15.5 | 3.8596E+00 | 2.0010E+01 | 3.2053E+00 | 1.9916E+01 |
| 15.6 | 2.0257E+00 | 2.0922E+01 | 1.3673E+00 | 2.0764E+01 |
| 15.7 | 5.4207E-02 | 2.1681E+01 | -6.0217E-01 | 2.1456E+01 |
| 15.8 | -2.0440E+00 | 2.2270E+01 | -2.6919E+00 | 2.1978E+01 |
| 15.9 | -4.2558E+00 | 2.2673E+01 | -4.8887E+00 | 2.2312E+01 |
| 16.0 | -6.5664E+00 | 2.2873E+01 | -7.1773E+00 | 2.2443E+01 |
| 16.1 | -8.9588E+00 | 2.2855E+01 | -9.5408E+00 | 2.2358E+01 |
| 16.2 | -1.1414E+01 | 2.2605E+01 | -1.1960E+01 | 2.2041E+01 |
| 16.3 | -1.3912E+01 | 2.2111E+01 | -1.4415E+01 | 2.1483E+01 |
| 16.4 | -1.6430E+01 | 2.1362E+01 | -1.6883E+01 | 2.0672E+01 |
| 16.5 | -1.8944E+01 | 2.0349E+01 | -1.9339E+01 | 1.9602E+01 |
| 16.6 | -2.1428E+01 | 1.9066E+01 | -2.1760E+01 | 1.8265E+01 |
| 16.7 | -2.3856E+01 | 1.7508E+01 | -2.4117E+01 | 1.6658E+01 |
| 16.8 | -2.6199E+01 | 1.5673E+01 | -2.6384E+01 | 1.4780E+01 |
| 16.9 | -2.8428E+01 | 1.3561E+01 | -2.8531E+01 | 1.2631E+01 |
| 17.0 | -3.0514E+01 | 1.1176E+01 | -3.0530E+01 | 1.0217E+01 |
| 17.1 | -3.2427E+01 | 8.5248E+00 | -3.2350E+01 | 7.5434E+00 |
| 17.2 | -3.4135E+01 | 5.6161E+00 | -3.3962E+01 | 4.6213E+00 |
| 17.3 | -3.5608E+01 | 2.4630E+00 | -3.5335E+01 | 1.4636E+00 |
| 17.4 | -3.6817E+01 | -9.1873E-01 | -3.6442E+01 | -1.9133E+00 |
| 17.5 | -3.7732E+01 | -4.5098E+00 | -3.7253E+01 | -5.4895E+00 |
| 17.6 | -3.8324E+01 | -8.2874E+00 | -3.7741E+01 | -9.2421E+00 |
| 17.7 | -3.8568E+01 | -1.2226E+01 | -3.7880E+01 | -1.3145E+01 |
| 17.8 | -3.8437E+01 | -1.6295E+01 | -3.7646E+01 | -1.7168E+01 |
| 17.9 | -3.7909E+01 | -2.0464E+01 | -3.7017E+01 | -2.1279E+01 |
| 18.0 | -3.6964E+01 | -2.4695E+01 | -3.5973E+01 | -2.5442E+01 |
| 18.1 | -3.5583E+01 | -2.8952E+01 | -3.4499E+01 | -2.9619E+01 |
| 18.2 | -3.3753E+01 | -3.3191E+01 | -3.2581E+01 | -3.3769E+01 |
| 18.3 | -3.1462E+01 | -3.7370E+01 | -3.0210E+01 | -3.7847E+01 |
| 18.4 | -2.8705E+01 | -4.1442E+01 | -2.7379E+01 | -4.1809E+01 |
| 18.5 | -2.5478E+01 | -4.5359E+01 | -2.4087E+01 | -4.5606E+01 |
| 18.6 | -2.1783E+01 | -4.9071E+01 | -2.0338E+01 | -4.9190E+01 |
| 18.7 | -1.7627E+01 | -5.2529E+01 | -1.6140E+01 | -5.2511E+01 |
| 18.8 | -1.3023E+01 | -5.5679E+01 | -1.1505E+01 | -5.5517E+01 |
| 18.9 | -7.9871E+00 | -5.8471E+01 | -6.4508E+00 | -5.8159E+01 |
| 19.0 | -2.5423E+00 | -6.0853E+01 | -1.0023E+00 | -6.0386E+01 |
| 19.1 | 3.2829E+00 | -6.2774E+01 | 4.8118E+00 | -6.2148E+01 |
| 19.2 | 9.4545E+00 | -6.4184E+01 | 1.0957E+01 | -6.3396E+01 |
| 19.3 | 1.5933E+01 | -6.5035E+01 | 1.7393E+01 | -6.4086E+01 |
| 19.4 | 2.2672E+01 | -6.5284E+01 | 2.4073E+01 | -6.4173E+01 |
| 19.5 | 2.9622E+01 | -6.4887E+01 | 3.0947E+01 | -6.3616E+01 |
| 19.6 | 3.6725E+01 | -6.3807E+01 | 3.7957E+01 | -6.2380E+01 |
| 19.7 | 4.3921E+01 | -6.2010E+01 | 4.5042E+01 | -6.0432E+01 |
| 19.8 | 5.1141E+01 | -5.9467E+01 | 5.2135E+01 | -5.7746E+01 |
| 19.9 | 5.8315E+01 | -5.6156E+01 | 5.9165E+01 | -5.4299E+01 |
| 20.0 | 6.5367E+01 | -5.2058E+01 | 6.6058E+01 | -5.0078E+01 |

| R | RE(I0) | IM(I0) | RE(II) | IM(II) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 0.0000E-01 | 0.0000E-01 |
| 0.1 | 9.9784E-01 | 1.2486E-03 | 1.2897E-02 | 4.8252E-02 |
| 0.2 | 9.9135E-01 | 4.9784E-03 | 2.5529E-02 | 9.6239E-02 |
| 0.3 | 9.8058E-01 | 1.1141E-02 | 3.7636E-02 | 1.4370E-01 |
| 0.4 | 9.6556E-01 | 1.9655E-02 | 4.8961E-02 | 1.9036E-01 |
| 0.5 | 9.4636E-01 | 3.0411E-02 | 5.9259E-02 | 2.3598E-01 |
| 0.6 | 9.2307E-01 | 4.3266E-02 | 6.8294E-02 | 2.8028E-01 |
| 0.7 | 8.9579E-01 | 5.8052E-02 | 7.5847E-02 | 3.2303E-01 |
| 0.8 | 8.6464E-01 | 7.4570E-02 | 8.1714E-02 | 3.6397E-01 |
| 0.9 | 8.2975E-01 | 9.2600E-02 | 8.5711E-02 | 4.0285E-01 |
| 1.0 | 7.9130E-01 | 1.1190E-01 | 8.7679E-02 | 4.3946E-01 |
| 1.1 | 7.4946E-01 | 1.3219E-01 | 8.7478E-02 | 4.7355E-01 |
| 1.2 | 7.0442E-01 | 1.5321E-01 | 8.4998E-02 | 5.0491E-01 |
| 1.3 | 6.5639E-01 | 1.7465E-01 | 8.0154E-02 | 5.3334E-01 |
| 1.4 | 6.0561E-01 | 1.9620E-01 | 7.2891E-02 | 5.5864E-01 |
| 1.5 | 5.5233E-01 | 2.1754E-01 | 6.3183E-02 | 5.8063E-01 |
| 1.6 | 4.9680E-01 | 2.3835E-01 | 5.1038E-02 | 5.9913E-01 |
| 1.7 | 4.3932E-01 | 2.5831E-01 | 3.6492E-02 | 6.1400E-01 |
| 1.8 | 3.8018E-01 | 2.7708E-01 | 1.9613E-02 | 6.2510E-01 |
| 1.9 | 3.1968E-01 | 2.9435E-01 | 5.0352E-04 | 6.3230E-01 |
| 2.0 | 2.5816E-01 | 3.0980E-01 | -2.0706E-02 | 6.3550E-01 |
| 2.1 | 1.9596E-01 | 3.2315E-01 | -4.3852E-02 | 6.3463E-01 |
| 2.2 | 1.3341E-01 | 3.3409E-01 | -6.8744E-02 | 6.2963E-01 |
| 2.3 | 7.0885E-02 | 3.4237E-01 | -9.5160E-02 | 6.2045E-01 |
| 2.4 | 8.7465E-03 | 3.4775E-01 | -1.2285E-01 | 6.0709E-01 |
| 2.5 | -5.2630E-02 | 3.5000E-01 | -1.5155E-01 | 5.8956E-01 |
| 2.6 | -1.1287E-01 | 3.4893E-01 | -1.8097E-01 | 5.6790E-01 |
| 2.7 | -1.7158E-01 | 3.4438E-01 | -2.1078E-01 | 5.4216E-01 |
| 2.8 | -2.2839E-01 | 3.3624E-01 | -2.4065E-01 | 5.1245E-01 |
| 2.9 | -2.8291E-01 | 3.2440E-01 | -2.7025E-01 | 4.7889E-01 |
| 3.0 | -3.3476E-01 | 3.0881E-01 | -2.9921E-01 | 4.4162E-01 |
| 3.1 | -3.8359E-01 | 2.8945E-01 | -3.2716E-01 | 4.0082E-01 |
| 3.2 | -4.2901E-01 | 2.6637E-01 | -3.5375E-01 | 3.5671E-01 |
| 3.3 | -4.7070E-01 | 2.3961E-01 | -3.7860E-01 | 3.0952E-01 |
| 3.4 | -5.0830E-01 | 2.0929E-01 | -4.0134E-01 | 2.5952E-01 |
| 3.5 | -5.4150E-01 | 1.7557E-01 | -4.2161E-01 | 2.0700E-01 |
| 3.6 | -5.7002E-01 | 1.3863E-01 | -4.3908E-01 | 1.5228E-01 |
| 3.7 | -5.9356E-01 | 9.8713E-02 | -4.5340E-01 | 9.5715E-02 |
| 3.8 | -6.1190E-01 | 5.6093E-02 | -4.6427E-01 | 3.7677E-02 |
| 3.9 | -6.2481E-01 | 1.1085E-02 | -4.7138E-01 | -2.1438E-02 |
| 4.0 | -6.3210E-01 | -3.5958E-02 | -4.7449E-01 | -8.1211E-02 |
| 4.1 | -6.3364E-01 | -8.4649E-02 | -4.7336E-01 | -1.4120E-01 |
| 4.2 | -6.2930E-01 | -1.3457E-01 | -4.6779E-01 | -2.0096E-01 |
| 4.3 | -6.1901E-01 | -1.8527E-01 | -4.5762E-01 | -2.6001E-01 |
| 4.4 | -6.0275E-01 | -2.3627E-01 | -4.4272E-01 | -3.1788E-01 |
| 4.5 | -5.8053E-01 | -2.8708E-01 | -4.2303E-01 | -3.7407E-01 |
| 4.6 | -5.5241E-01 | -3.3718E-01 | -3.9851E-01 | -4.2810E-01 |
| 4.7 | -5.1850E-01 | -3.8605E-01 | -3.6917E-01 | -4.7947E-01 |
| 4.8 | -4.7896E-01 | -4.3314E-01 | -3.3509E-01 | -5.2768E-01 |
| 4.9 | -4.3398E-01 | -4.7792E-01 | -2.9638E-01 | -5.7227E-01 |
| 5.0 | -3.8384E-01 | -5.1984E-01 | -2.5320E-01 | -6.1275E-01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | -3.8384E-01 | -5.1984E-01 | -2.5320E-01 | -6.1275E-01 |
| 5.1 | -3.2883E-01 | -5.5837E-01 | -2.0577E-01 | -6.4867E-01 |
| 5.2 | -2.6930E-01 | -5.9300E-01 | -1.5438E-01 | -6.7960E-01 |
| 5.3 | -2.0567E-01 | -6.2321E-01 | -9.9334E-02 | -7.0512E-01 |
| 5.4 | -1.3838E-01 | -6.4853E-01 | -4.1014E-02 | -7.2486E-01 |
| 5.5 | -6.7935E-02 | -6.6851E-01 | 2.0160E-02 | -7.3847E-01 |
| 5.6 | 5.1342E-03 | -6.8273E-01 | 8.3719E-02 | -7.4564E-01 |
| 5.7 | 8.0245E-02 | -6.9082E-01 | 1.4915E-01 | -7.4611E-01 |
| 5.8 | 1.5678E-01 | -6.9244E-01 | 2.1590E-01 | -7.3965E-01 |
| 5.9 | 2.3409E-01 | -6.8731E-01 | 2.8339E-01 | -7.2611E-01 |
| 6.0 | 3.1149E-01 | -6.7521E-01 | 3.5098E-01 | -7.0537E-01 |
| 6.1 | 3.8829E-01 | -6.5597E-01 | 4.1803E-01 | -6.7737E-01 |
| 6.2 | 4.6374E-01 | -6.2949E-01 | 4.8387E-01 | -6.4211E-01 |
| 6.3 | 5.3713E-01 | -5.9573E-01 | 5.4781E-01 | -5.9968E-01 |
| 6.4 | 6.0770E-01 | -5.5473E-01 | 6.0914E-01 | -5.5021E-01 |
| 6.5 | 6.7471E-01 | -5.0659E-01 | 6.6716E-01 | -4.9388E-01 |
| 6.6 | 7.3740E-01 | -4.5148E-01 | 7.2117E-01 | -4.3099E-01 |
| 6.7 | 7.9506E-01 | -3.8967E-01 | 7.7047E-01 | -3.6186E-01 |
| 6.8 | 8.4696E-01 | -3.2149E-01 | 8.1438E-01 | -2.8691E-01 |
| 6.9 | 8.9241E-01 | -2.4735E-01 | 8.5225E-01 | -2.0662E-01 |
| 7.0 | 9.3077E-01 | -1.6772E-01 | 8.8345E-01 | -1.2152E-01 |
| 7.1 | 9.6142E-01 | -8.3167E-02 | 9.0740E-01 | -3.2230E-02 |
| 7.2 | 9.8379E-01 | 5.6863E-03 | 9.2355E-01 | 6.0582E-02 |
| 7.3 | 9.9736E-01 | 9.8143E-02 | 9.3142E-01 | 1.5618E-01 |
| 7.4 | 1.0017E+00 | 1.9344E-01 | 9.3057E-01 | 2.5379E-01 |
| 7.5 | 9.9639E-01 | 2.9077E-01 | 9.2064E-01 | 3.5256E-01 |
| 7.6 | 9.8115E-01 | 3.8925E-01 | 9.0134E-01 | 4.5163E-01 |
| 7.7 | 9.5574E-01 | 4.8796E-01 | 8.7245E-01 | 5.5006E-01 |
| 7.8 | 9.2001E-01 | 5.8594E-01 | 8.3386E-01 | 6.4691E-01 |
| 7.9 | 8.7393E-01 | 6.8220E-01 | 7.8550E-01 | 7.4121E-01 |
| 8.0 | 8.1752E-01 | 7.7571E-01 | 7.2745E-01 | 8.3196E-01 |
| 8.1 | 7.5092E-01 | 8.6545E-01 | 6.5984E-01 | 9.1816E-01 |
| 8.2 | 6.7439E-01 | 9.5036E-01 | 5.8294E-01 | 9.9882E-01 |
| 8.3 | 5.8827E-01 | 1.0294E+00 | 4.9707E-01 | 1.0729E+00 |
| 8.4 | 4.9301E-01 | 1.1016E+00 | 4.0271E-01 | 1.1396E+00 |
| 8.5 | 3.8917E-01 | 1.1659E+00 | 3.0040E-01 | 1.1978E+00 |
| 8.6 | 2.7741E-01 | 1.2213E+00 | 1.9079E-01 | 1.2466E+00 |
| 8.7 | 1.5849E-01 | 1.2670E+00 | 7.4648E-02 | 1.2853E+00 |
| 8.8 | 3.3273E-02 | 1.3020E+00 | -4.7182E-02 | 1.3130E+00 |
| 8.9 | -9.7279E-02 | 1.3256E+00 | -1.7375E-01 | 1.3291E+00 |
| 9.0 | -2.3211E-01 | 1.3370E+00 | -3.0403E-01 | 1.3328E+00 |
| 9.1 | -3.7010E-01 | 1.3356E+00 | -4.3692E-01 | 1.3237E+00 |
| 9.2 | -5.1003E-01 | 1.3209E+00 | -5.7121E-01 | 1.3012E+00 |
| 9.3 | -6.5061E-01 | 1.2925E+00 | -7.0566E-01 | 1.2651E+00 |
| 9.4 | -7.9050E-01 | 1.2500E+00 | -8.3896E-01 | 1.2152E+00 |
| 9.5 | -9.2832E-01 | 1.1933E+00 | -9.6976E-01 | 1.1513E+00 |
| 9.6 | -1.0626E+00 | 1.1223E+00 | -1.0967E+00 | 1.0734E+00 |
| 9.7 | -1.1920E+00 | 1.0371E+00 | -1.2182E+00 | 9.8178E-01 |
| 9.8 | -1.3149E+00 | 9.3786E-01 | -1.3331E+00 | 8.7670E-01 |
| 9.9 | -1.4298E+00 | 8.2505E-01 | -1.4398E+00 | 7.5860E-01 |
| 10.0 | -1.5355E+00 | 6.9918E-01 | -1.5370E+00 | 6.2808E-01 |

| R | RE(I0) | IM(I0) | RE(II) | IM(II) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | -1.5355E+00 | 6.9918E-01 | -1.5370E+00 | 6.2808E-01 |
| 10.1 | -1.6303E+00 | 5.6090E-01 | -1.6232E+00 | 4.8587E-01 |
| 10.2 | -1.7129E+00 | 4.1105E-01 | -1.6971E+00 | 3.3287E-01 |
| 10.3 | -1.7820E+00 | 2.5062E-01 | -1.7576E+00 | 1.7008E-01 |
| 10.4 | -1.8363E+00 | 8.0724E-02 | -1.8033E+00 | -1.3056E-03 |
| 10.5 | -1.8747E+00 | -9.7368E-02 | -1.8332E+00 | -1.8001E-01 |
| 10.6 | -1.8961E+00 | -2.8225E-01 | -1.8463E+00 | -3.6459E-01 |
| 10.7 | -1.8996E+00 | -4.7238E-01 | -1.8417E+00 | -5.5350E-01 |
| 10.8 | -1.8843E+00 | -6.6612E-01 | -1.8187E+00 | -7.4509E-01 |
| 10.9 | -1.8496E+00 | -8.6169E-01 | -1.7767E+00 | -9.3759E-01 |
| 11.0 | -1.7950E+00 | -1.0573E+00 | -1.7153E+00 | -1.1292E+00 |
| 11.1 | -1.7201E+00 | -1.2508E+00 | -1.6341E+00 | -1.3179E+00 |
| 11.2 | -1.6249E+00 | -1.4405E+00 | -1.5332E+00 | -1.5018E+00 |
| 11.3 | -1.5094E+00 | -1.6241E+00 | -1.4127E+00 | -1.6789E+00 |
| 11.4 | -1.3738E+00 | -1.7996E+00 | -1.2727E+00 | -1.8471E+00 |
| 11.5 | -1.2187E+00 | -1.9649E+00 | -1.1140E+00 | -2.0044E+00 |
| 11.6 | -1.0446E+00 | -2.1179E+00 | -9.3714E-01 | -2.1487E+00 |
| 11.7 | -8.5241E-01 | -2.2565E+00 | -7.4311E-01 | -2.2781E+00 |
| 11.8 | -6.4334E-01 | -2.3787E+00 | -5.3306E-01 | -2.3906E+00 |
| 11.9 | -4.1866E-01 | -2.4826E+00 | -3.0834E-01 | -2.4844E+00 |
| 12.0 | -1.7990E-01 | -2.5662E+00 | -7.0514E-02 | -2.5577E+00 |
| 12.1 | 7.1181E-02 | -2.6280E+00 | 1.7866E-01 | -2.6088E+00 |
| 12.2 | 3.3265E-01 | -2.6663E+00 | 4.3723E-01 | -2.6363E+00 |
| 12.3 | 6.0237E-01 | -2.6796E+00 | 7.0305E-01 | -2.6389E+00 |
| 12.4 | 8.7805E-01 | -2.6667E+00 | 9.7384E-01 | -2.6154E+00 |
| 12.5 | 1.1572E+00 | -2.6265E+00 | 1.2471E+00 | -2.5649E+00 |
| 12.6 | 1.4372E+00 | -2.5583E+00 | 1.5203E+00 | -2.4866E+00 |
| 12.7 | 1.7153E+00 | -2.4614E+00 | 1.7907E+00 | -2.3801E+00 |
| 12.8 | 1.9887E+00 | -2.3355E+00 | 2.0554E+00 | -2.2451E+00 |
| 12.9 | 2.2545E+00 | -2.1805E+00 | 2.3117E+00 | -2.0818E+00 |
| 13.0 | 2.5096E+00 | -1.9968E+00 | 2.5566E+00 | -1.8903E+00 |
| 13.1 | 2.7510E+00 | -1.7847E+00 | 2.7870E+00 | -1.6715E+00 |
| 13.2 | 2.9757E+00 | -1.5452E+00 | 3.0002E+00 | -1.4261E+00 |
| 13.3 | 3.1808E+00 | -1.2794E+00 | 3.1932E+00 | -1.1555E+00 |
| 13.4 | 3.3633E+00 | -9.8868E-01 | 3.3631E+00 | -8.6104E-01 |
| 13.5 | 3.5203E+00 | -6.7489E-01 | 3.5072E+00 | -5.4471E-01 |
| 13.6 | 3.6492E+00 | -3.4008E-01 | 3.6229E+00 | -2.0860E-01 |
| 13.7 | 3.7473E+00 | 1.3354E-02 | 3.7077E+00 | 1.4486E-01 |
| 13.8 | 3.8123E+00 | 3.8275E-01 | 3.7594E+00 | 5.1295E-01 |
| 13.9 | 3.8421E+00 | 7.6514E-01 | 3.7760E+00 | 8.9269E-01 |
| 14.0 | 3.8348E+00 | 1.1573E+00 | 3.7556E+00 | 1.2808E+00 |
| 14.1 | 3.7886E+00 | 1.5558E+00 | 3.6968E+00 | 1.6739E+00 |
| 14.2 | 3.7024E+00 | 1.9569E+00 | 3.5984E+00 | 2.0683E+00 |
| 14.3 | 3.5751E+00 | 2.3567E+00 | 3.4595E+00 | 2.4600E+00 |
| 14.4 | 3.4061E+00 | 2.7512E+00 | 3.2797E+00 | 2.8451E+00 |
| 14.5 | 3.1952E+00 | 3.1361E+00 | 3.0588E+00 | 3.2195E+00 |
| 14.6 | 2.9426E+00 | 3.5073E+00 | 2.7972E+00 | 3.5789E+00 |
| 14.7 | 2.6489E+00 | 3.8603E+00 | 2.4956E+00 | 3.9191E+00 |
| 14.8 | 2.3151E+00 | 4.1908E+00 | 2.1551E+00 | 4.2357E+00 |
| 14.9 | 1.9427E+00 | 4.4945E+00 | 1.7773E+00 | 4.5246E+00 |
| 15.0 | 1.5337E+00 | 4.7670E+00 | 1.3643E+00 | 4.7816E+00 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | 1.5337E+00 | 4.7670E+00 | 1.3643E+00 | 4.7816E+00 |
| 15.1 | 1.0905E+00 | 5.0042E+00 | 9.1850E-01 | 5.0026E+00 |
| 15.2 | 6.1586E-01 | 5.2020E+00 | 4.4288E-01 | 5.1837E+00 |
| 15.3 | 1.1315E-01 | 5.3568E+00 | -5.9215E-02 | 5.3214E+00 |
| 15.4 | -4.1392E-01 | 5.4649E+00 | -5.8401E-01 | 5.4122E+00 |
| 15.5 | -9.6120E-01 | 5.5231E+00 | -1.1273E+00 | 5.4531E+00 |
| 15.6 | -1.5242E+00 | 5.5285E+00 | -1.6846E+00 | 5.4412E+00 |
| 15.7 | -2.0979E+00 | 5.4786E+00 | -2.2510E+00 | 5.3744E+00 |
| 15.8 | -2.6771E+00 | 5.3712E+00 | -2.8211E+00 | 5.2505E+00 |
| 15.9 | -3.2563E+00 | 5.2049E+00 | -3.3896E+00 | 5.0684E+00 |
| 16.0 | -3.8297E+00 | 4.9785E+00 | -3.9506E+00 | 4.8269E+00 |
| 16.1 | -4.3913E+00 | 4.6915E+00 | -4.4982E+00 | 4.5259E+00 |
| 16.2 | -4.9348E+00 | 4.3439E+00 | -5.0263E+00 | 4.1654E+00 |
| 16.3 | -5.4540E+00 | 3.9364E+00 | -5.5287E+00 | 3.7463E+00 |
| 16.4 | -5.9426E+00 | 3.4703E+00 | -5.9992E+00 | 3.2701E+00 |
| 16.5 | -6.3942E+00 | 2.9475E+00 | -6.4315E+00 | 2.7389E+00 |
| 16.6 | -6.8026E+00 | 2.3706E+00 | -6.8196E+00 | 2.1552E+00 |
| 16.7 | -7.1616E+00 | 1.7428E+00 | -7.1575E+00 | 1.5227E+00 |
| 16.8 | -7.4653E+00 | 1.0681E+00 | -7.4394E+00 | 8.4517E-01 |
| 16.9 | -7.7081E+00 | 3.5099E-01 | -7.6599E+00 | 1.2737E-01 |
| 17.0 | -7.8847E+00 | -4.0327E-01 | -7.8139E+00 | -6.2541E-01 |
| 17.1 | -7.9902E+00 | -1.1889E+00 | -7.8968E+00 | -1.4073E+00 |
| 17.2 | -8.0202E+00 | -1.9994E+00 | -7.9042E+00 | -2.2119E+00 |
| 17.3 | -7.9709E+00 | -2.8279E+00 | -7.8326E+00 | -3.0321E+00 |
| 17.4 | -7.8390E+00 | -3.6669E+00 | -7.6790E+00 | -3.8605E+00 |
| 17.5 | -7.6219E+00 | -4.5085E+00 | -7.4411E+00 | -4.6892E+00 |
| 17.6 | -7.3178E+00 | -5.3443E+00 | -7.1171E+00 | -5.5099E+00 |
| 17.7 | -6.9256E+00 | -6.1657E+00 | -6.7064E+00 | -6.3140E+00 |
| 17.8 | -6.4452E+00 | -6.9637E+00 | -6.2089E+00 | -7.0926E+00 |
| 17.9 | -5.8772E+00 | -7.7293E+00 | -5.6254E+00 | -7.8369E+00 |
| 18.0 | -5.2231E+00 | -8.4531E+00 | -4.9578E+00 | -8.5375E+00 |
| 18.1 | -4.4855E+00 | -9.1259E+00 | -4.2088E+00 | -9.1856E+00 |
| 18.2 | -3.6678E+00 | -9.7386E+00 | -3.3819E+00 | -9.7720E+00 |
| 18.3 | -2.7744E+00 | -1.0282E+01 | -2.4818E+00 | -1.0288E+01 |
| 18.4 | -1.8107E+00 | -1.0748E+01 | -1.5140E+00 | -1.0725E+01 |
| 18.5 | -7.8315E-01 | -1.1127E+01 | -4.8509E-01 | -1.1075E+01 |
| 18.6 | 3.0107E-01 | -1.1412E+01 | 5.9764E-01 | -1.1330E+01 |
| 18.7 | 1.4337E+00 | -1.1596E+01 | 1.7258E+00 | -1.1483E+01 |
| 18.8 | 2.6056E+00 | -1.1671E+01 | 2.8903E+00 | -1.1529E+01 |
| 18.9 | 3.8070E+00 | -1.1632E+01 | 4.0812E+00 | -1.1460E+01 |
| 19.0 | 5.0271E+00 | -1.1474E+01 | 5.2877E+00 | -1.1272E+01 |
| 19.1 | 6.2545E+00 | -1.1193E+01 | 6.4985E+00 | -1.0963E+01 |
| 19.2 | 7.4772E+00 | -1.0786E+01 | 7.7017E+00 | -1.0528E+01 |
| 19.3 | 8.6828E+00 | -1.0250E+01 | 8.8847E+00 | -9.9666E+00 |
| 19.4 | 9.8582E+00 | -9.5850E+00 | 1.0035E+01 | -9.2781E+00 |
| 19.5 | 1.0990E+01 | -8.7919E+00 | 1.1139E+01 | -8.4632E+00 |
| 19.6 | 1.2065E+01 | -7.8721E+00 | 1.2183E+01 | -7.5242E+00 |
| 19.7 | 1.3070E+01 | -6.8290E+00 | 1.3155E+01 | -6.4645E+00 |
| 19.8 | 1.3991E+01 | -5.6670E+00 | 1.4041E+01 | -5.2890E+00 |
| 19.9 | 1.4814E+01 | -4.3924E+00 | 1.4828E+01 | -4.0039E+00 |
| 20.0 | 1.5527E+01 | -3.0124E+00 | 1.5504E+01 | -2.6170E+00 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 0.0000E-01 | 0.0000E-01 |
| 0.1 | 9.9765E-01 | 8.5405E-04 | 8.6512E-03 | 4.9186E-02 |
| 0.2 | 9.9062E-01 | 3.4042E-03 | 1.7115E-02 | 9.8048E-02 |
| 0.3 | 9.7895E-01 | 7.6144E-03 | 2.5208E-02 | 1.4626E-01 |
| 0.4 | 9.6272E-01 | 1.3425E-02 | 3.2750E-02 | 1.9351E-01 |
| 0.5 | 9.4201E-01 | 2.0754E-02 | 3.9568E-02 | 2.3949E-01 |
| 0.6 | 9.1697E-01 | 2.9498E-02 | 4.5498E-02 | 2.8388E-01 |
| 0.7 | 8.8774E-01 | 3.9530E-02 | 5.0389E-02 | 3.2640E-01 |
| 0.8 | 8.5450E-01 | 5.0707E-02 | 5.4102E-02 | 3.6675E-01 |
| 0.9 | 8.1745E-01 | 6.2866E-02 | 5.6514E-02 | 4.0468E-01 |
| 1.0 | 7.7683E-01 | 7.5831E-02 | 5.7519E-02 | 4.3993E-01 |
| 1.1 | 7.3289E-01 | 8.9408E-02 | 5.7028E-02 | 4.7226E-01 |
| 1.2 | 6.8589E-01 | 1.0339E-01 | 5.4974E-02 | 5.0145E-01 |
| 1.3 | 6.3613E-01 | 1.1758E-01 | 5.1309E-02 | 5.2731E-01 |
| 1.4 | 5.8392E-01 | 1.3174E-01 | 4.6009E-02 | 5.4965E-01 |
| 1.5 | 5.2958E-01 | 1.4565E-01 | 3.9071E-02 | 5.6832E-01 |
| 1.6 | 4.7345E-01 | 1.5910E-01 | 3.0514E-02 | 5.8320E-01 |
| 1.7 | 4.1589E-01 | 1.7184E-01 | 2.0381E-02 | 5.9417E-01 |
| 1.8 | 3.5725E-01 | 1.8367E-01 | 8.7385E-03 | 6.0116E-01 |
| 1.9 | 2.9791E-01 | 1.9437E-01 | -4.3264E-03 | 6.0410E-01 |
| 2.0 | 2.3824E-01 | 2.0374E-01 | -1.8704E-02 | 6.0299E-01 |
| 2.1 | 1.7862E-01 | 2.1157E-01 | -3.4263E-02 | 5.9781E-01 |
| 2.2 | 1.1943E-01 | 2.1769E-01 | -5.0855E-02 | 5.8860E-01 |
| 2.3 | 6.1051E-02 | 2.2194E-01 | -6.8310E-02 | 5.7541E-01 |
| 2.4 | 3.8507E-03 | 2.2418E-01 | -8.6445E-02 | 5.5833E-01 |
| 2.5 | -5.1799E-02 | 2.2427E-01 | -1.0506E-01 | 5.3747E-01 |
| 2.6 | -1.0554E-01 | 2.2212E-01 | -1.2394E-01 | 5.1297E-01 |
| 2.7 | -1.5703E-01 | 2.1765E-01 | -1.4286E-01 | 4.8500E-01 |
| 2.8 | -2.0592E-01 | 2.1081E-01 | -1.6160E-01 | 4.5374E-01 |
| 2.9 | -2.5190E-01 | 2.0158E-01 | -1.7991E-01 | 4.1943E-01 |
| 3.0 | -2.9468E-01 | 1.8995E-01 | -1.9756E-01 | 3.8229E-01 |
| 3.1 | -3.3397E-01 | 1.7596E-01 | -2.1431E-01 | 3.4259E-01 |
| 3.2 | -3.6952E-01 | 1.5966E-01 | -2.2991E-01 | 3.0061E-01 |
| 3.3 | -4.0109E-01 | 1.4115E-01 | -2.4414E-01 | 2.5667E-01 |
| 3.4 | -4.2849E-01 | 1.2053E-01 | -2.5677E-01 | 2.1107E-01 |
| 3.5 | -4.5153E-01 | 9.7954E-02 | -2.6759E-01 | 1.6416E-01 |
| 3.6 | -4.7007E-01 | 7.3586E-02 | -2.7639E-01 | 1.1627E-01 |
| 3.7 | -4.8400E-01 | 4.7621E-02 | -2.8300E-01 | 6.7787E-02 |
| 3.8 | -4.9323E-01 | 2.0277E-02 | -2.8723E-01 | 1.9059E-02 |
| 3.9 | -4.9772E-01 | -8.2072E-03 | -2.8896E-01 | -2.9534E-02 |
| 4.0 | -4.9745E-01 | -3.7573E-02 | -2.8805E-01 | -7.7616E-02 |
| 4.1 | -4.9245E-01 | -6.7542E-02 | -2.8440E-01 | -1.2481E-01 |
| 4.2 | -4.8277E-01 | -9.7824E-02 | -2.7795E-01 | -1.7074E-01 |
| 4.3 | -4.6851E-01 | -1.2812E-01 | -2.6866E-01 | -2.1504E-01 |
| 4.4 | -4.4979E-01 | -1.5810E-01 | -2.5650E-01 | -2.5735E-01 |
| 4.5 | -4.2679E-01 | -1.8747E-01 | -2.4149E-01 | -2.9731E-01 |
| 4.6 | -3.9969E-01 | -2.1588E-01 | -2.2368E-01 | -3.3460E-01 |
| 4.7 | -3.6874E-01 | -2.4304E-01 | -2.0316E-01 | -3.6888E-01 |
| 4.8 | -3.3418E-01 | -2.6860E-01 | -1.8002E-01 | -3.9987E-01 |
| 4.9 | -2.9633E-01 | -2.9228E-01 | -1.5441E-01 | -4.2728E-01 |
| 5.0 | -2.5550E-01 | -3.1376E-01 | -1.2650E-01 | -4.5087E-01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | -2.5550E-01 | -3.1376E-01 | -1.2650E-01 | -4.5087E-01 |
| 5.1 | -2.1204E-01 | -3.3276E-01 | -9.6495E-02 | -4.7040E-01 |
| 5.2 | -1.6633E-01 | -3.4901E-01 | -6.4621E-02 | -4.8568E-01 |
| 5.3 | -1.1876E-01 | -3.6228E-01 | -3.1133E-02 | -4.9655E-01 |
| 5.4 | -6.9751E-02 | -3.7232E-01 | 3.6870E-03 | -5.0288E-01 |
| 5.5 | -1.9732E-02 | -3.7895E-01 | 3.9537E-02 | -5.0457E-01 |
| 5.6 | 3.0852E-02 | -3.8201E-01 | 7.6093E-02 | -5.0157E-01 |
| 5.7 | 8.1547E-02 | -3.8135E-01 | 1.1302E-01 | -4.9385E-01 |
| 5.8 | 1.3189E-01 | -3.7687E-01 | 1.4995E-01 | -4.8143E-01 |
| 5.9 | 1.8142E-01 | -3.6852E-01 | 1.8653E-01 | -4.6438E-01 |
| 6.0 | 2.2968E-01 | -3.5626E-01 | 2.2239E-01 | -4.4280E-01 |
| 6.1 | 2.7621E-01 | -3.4010E-01 | 2.5714E-01 | -4.1681E-01 |
| 6.2 | 3.2056E-01 | -3.2011E-01 | 2.9041E-01 | -3.8660E-01 |
| 6.3 | 3.6230E-01 | -2.9637E-01 | 3.2183E-01 | -3.5240E-01 |
| 6.4 | 4.0101E-01 | -2.6901E-01 | 3.5103E-01 | -3.1444E-01 |
| 6.5 | 4.3630E-01 | -2.3822E-01 | 3.7766E-01 | -2.7303E-01 |
| 6.6 | 4.6778E-01 | -2.0419E-01 | 4.0137E-01 | -2.2850E-01 |
| 6.7 | 4.9513E-01 | -1.6719E-01 | 4.2185E-01 | -1.8119E-01 |
| 6.8 | 5.1802E-01 | -1.2749E-01 | 4.3881E-01 | -1.3151E-01 |
| 6.9 | 5.3619E-01 | -8.5438E-02 | 4.5196E-01 | -7.9862E-02 |
| 7.0 | 5.4938E-01 | -4.1372E-02 | 4.6108E-01 | -2.6702E-02 |
| 7.1 | 5.5740E-01 | 4.3167E-03 | 4.6596E-01 | 2.7512E-02 |
| 7.2 | 5.6010E-01 | 5.1217E-02 | 4.6642E-01 | 8.2296E-02 |
| 7.3 | 5.5736E-01 | 9.8892E-02 | 4.6233E-01 | 1.3715E-01 |
| 7.4 | 5.4913E-01 | 1.4689E-01 | 4.5360E-01 | 1.9158E-01 |
| 7.5 | 5.3538E-01 | 1.9473E-01 | 4.4020E-01 | 2.4506E-01 |
| 7.6 | 5.1617E-01 | 2.4194E-01 | 4.2211E-01 | 2.9709E-01 |
| 7.7 | 4.9157E-01 | 2.8802E-01 | 3.9939E-01 | 3.4714E-01 |
| 7.8 | 4.6172E-01 | 3.3249E-01 | 3.7212E-01 | 3.9473E-01 |
| 7.9 | 4.2682E-01 | 3.7486E-01 | 3.4045E-01 | 4.3935E-01 |
| 8.0 | 3.8710E-01 | 4.1465E-01 | 3.0456E-01 | 4.8054E-01 |
| 8.1 | 3.4285E-01 | 4.5139E-01 | 2.6469E-01 | 5.1783E-01 |
| 8.2 | 2.9442E-01 | 4.8462E-01 | 2.2113E-01 | 5.5082E-01 |
| 8.3 | 2.4218E-01 | 5.1393E-01 | 1.7419E-01 | 5.7909E-01 |
| 8.4 | 1.8655E-01 | 5.3891E-01 | 1.2425E-01 | 6.0230E-01 |
| 8.5 | 1.2802E-01 | 5.5920E-01 | 7.1708E-02 | 6.2011E-01 |
| 8.6 | 6.7081E-02 | 5.7447E-01 | 1.7018E-02 | 6.3226E-01 |
| 8.7 | 4.2675E-03 | 5.8443E-01 | -3.9342E-02 | 6.3850E-01 |
| 8.8 | -5.9853E-02 | 5.8882E-01 | -9.6864E-02 | 6.3866E-01 |
| 8.9 | -1.2469E-01 | 5.8747E-01 | -1.5501E-01 | 6.3261E-01 |
| 9.0 | -1.8963E-01 | 5.8022E-01 | -2.1323E-01 | 6.2028E-01 |
| 9.1 | -2.5406E-01 | 5.6699E-01 | -2.7095E-01 | 6.0164E-01 |
| 9.2 | -3.1733E-01 | 5.4775E-01 | -3.2758E-01 | 5.7673E-01 |
| 9.3 | -3.7881E-01 | 5.2252E-01 | -3.8254E-01 | 5.4566E-01 |
| 9.4 | -4.3788E-01 | 4.9140E-01 | -4.3523E-01 | 5.0859E-01 |
| 9.5 | -4.9390E-01 | 4.5452E-01 | -4.8508E-01 | 4.6575E-01 |
| 9.6 | -5.4626E-01 | 4.1211E-01 | -5.3151E-01 | 4.1740E-01 |
| 9.7 | -5.9437E-01 | 3.6443E-01 | -5.7397E-01 | 3.6389E-01 |
| 9.8 | -6.3768E-01 | 3.1182E-01 | -6.1192E-01 | 3.0563E-01 |
| 9.9 | -6.7565E-01 | 2.5466E-01 | -6.4488E-01 | 2.4305E-01 |
| 10.0 | -7.0779E-01 | 1.9340E-01 | -6.7237E-01 | 1.7666E-01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | -7.0779E-01 | 1.9340E-01 | -6.7237E-01 | 1.7666E-01 |
| 10.1 | -7.3366E-01 | 1.2854E-01 | -6.9397E-01 | 1.0701E-01 |
| 10.2 | -7.5285E-01 | 6.0623E-02 | -7.0931E-01 | 3.4707E-02 |
| 10.3 | -7.6502E-01 | -9.7566E-03 | -7.1805E-01 | -3.9626E-02 |
| 10.4 | -7.6990E-01 | -8.1964E-02 | -7.1993E-01 | -1.1531E-01 |
| 10.5 | -7.6725E-01 | -1.5533E-01 | -7.1474E-01 | -1.9166E-01 |
| 10.6 | -7.5693E-01 | -2.2916E-01 | -7.0233E-01 | -2.6793E-01 |
| 10.7 | -7.3885E-01 | -3.0272E-01 | -6.8263E-01 | -3.4340E-01 |
| 10.8 | -7.1301E-01 | -3.7529E-01 | -6.5562E-01 | -4.1730E-01 |
| 10.9 | -6.7947E-01 | -4.4610E-01 | -6.2136E-01 | -4.8889E-01 |
| 11.0 | -6.3836E-01 | -5.1440E-01 | -5.8001E-01 | -5.5740E-01 |
| 11.1 | -5.8991E-01 | -5.7945E-01 | -5.3175E-01 | -6.2210E-01 |
| 11.2 | -5.3441E-01 | -6.4050E-01 | -4.7689E-01 | -6.8227E-01 |
| 11.3 | -4.7223E-01 | -6.9684E-01 | -4.1578E-01 | -7.3719E-01 |
| 11.4 | -4.0381E-01 | -7.4777E-01 | -3.4884E-01 | -7.8622E-01 |
| 11.5 | -3.2967E-01 | -7.9264E-01 | -2.7658E-01 | -8.2870E-01 |
| 11.6 | -2.5040E-01 | -8.3082E-01 | -1.9956E-01 | -8.6408E-01 |
| 11.7 | -1.6664E-01 | -8.6177E-01 | -1.1841E-01 | -8.9181E-01 |
| 11.8 | -7.9102E-02 | -8.8496E-01 | -3.3824E-02 | -9.1144E-01 |
| 11.9 | 1.1443E-02 | -8.9995E-01 | 5.3462E-02 | -9.2256E-01 |
| 12.0 | 1.0418E-01 | -9.0636E-01 | 1.4266E-01 | -9.2484E-01 |
| 12.1 | 1.9826E-01 | -9.0388E-01 | 2.3294E-01 | -9.1803E-01 |
| 12.2 | 2.9279E-01 | -8.9230E-01 | 3.2343E-01 | -9.0196E-01 |
| 12.3 | 3.8684E-01 | -8.7147E-01 | 4.1325E-01 | -8.7655E-01 |
| 12.4 | 4.7947E-01 | -8.4134E-01 | 5.0149E-01 | -8.4180E-01 |
| 12.5 | 5.6974E-01 | -8.0196E-01 | 5.8722E-01 | -7.9780E-01 |
| 12.6 | 6.5668E-01 | -7.5345E-01 | 6.6953E-01 | -7.4475E-01 |
| 12.7 | 7.3936E-01 | -6.9605E-01 | 7.4750E-01 | -6.8292E-01 |
| 12.8 | 8.1685E-01 | -6.3006E-01 | 8.2023E-01 | -6.1268E-01 |
| 12.9 | 8.8823E-01 | -5.5592E-01 | 8.8686E-01 | -5.3451E-01 |
| 13.0 | 9.5264E-01 | -4.7413E-01 | 9.4656E-01 | -4.4895E-01 |
| 13.1 | 1.0093E+00 | -3.8529E-01 | 9.9852E-01 | -3.5666E-01 |
| 13.2 | 1.0573E+00 | -2.9009E-01 | 1.0420E+00 | -2.5836E-01 |
| 13.3 | 1.0961E+00 | -1.8930E-01 | 1.0764E+00 | -1.5485E-01 |
| 13.4 | 1.1250E+00 | -8.3762E-02 | 1.1010E+00 | -4.7018E-02 |
| 13.5 | 1.1434E+00 | 2.5602E-02 | 1.1154E+00 | 6.4198E-02 |
| 13.6 | 1.1510E+00 | 1.3781E-01 | 1.1190E+00 | 1.7779E-01 |
| 13.7 | 1.1472E+00 | 2.5182E-01 | 1.1116E+00 | 2.9270E-01 |
| 13.8 | 1.1318E+00 | 3.6655E-01 | 1.0930E+00 | 4.0784E-01 |
| 13.9 | 1.1048E+00 | 4.8088E-01 | 1.0629E+00 | 5.2207E-01 |
| 14.0 | 1.0659E+00 | 5.9364E-01 | 1.0213E+00 | 6.3424E-01 |
| 14.1 | 1.0154E+00 | 7.0368E-01 | 9.6842E-01 | 7.4318E-01 |
| 14.2 | 9.5326E-01 | 8.0980E-01 | 9.0434E-01 | 8.4774E-01 |
| 14.3 | 8.7992E-01 | 9.1085E-01 | 8.2941E-01 | 9.4674E-01 |
| 14.4 | 7.9575E-01 | 1.0057E+00 | 7.4406E-01 | 1.0391E+00 |
| 14.5 | 7.0130E-01 | 1.0931E+00 | 6.4884E-01 | 1.1236E+00 |
| 14.6 | 5.9721E-01 | 1.1721E+00 | 5.4441E-01 | 1.1993E+00 |
| 14.7 | 4.8426E-01 | 1.2417E+00 | 4.3154E-01 | 1.2652E+00 |
| 14.8 | 3.6332E-01 | 1.3008E+00 | 3.1110E-01 | 1.3203E+00 |
| 14.9 | 2.3536E-01 | 1.3485E+00 | 1.8409E-01 | 1.3638E+00 |
| 15.0 | 1.0146E-01 | 1.3841E+00 | 5.1575E-02 | 1.3950E+00 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | 1.0146E-01 | 1.3841E+00 | 5.1575E-02 | 1.3950E+00 |
| 15.1 | -3.7201E-02 | 1.4069E+00 | -8.5291E-02 | 1.4131E+00 |
| 15.2 | -1.7939E-01 | 1.4162E+00 | -2.2527E-01 | 1.4176E+00 |
| 15.3 | -3.2379E-01 | 1.4116E+00 | -3.6705E-01 | 1.4081E+00 |
| 15.4 | -4.6902E-01 | 1.3927E+00 | -5.0929E-01 | 1.3844E+00 |
| 15.5 | -6.1366E-01 | 1.3593E+00 | -6.5057E-01 | 1.3461E+00 |
| 15.6 | -7.5626E-01 | 1.3113E+00 | -7.8946E-01 | 1.2934E+00 |
| 15.7 | -8.9533E-01 | 1.2488E+00 | -9.2451E-01 | 1.2262E+00 |
| 15.8 | -1.0294E+00 | 1.1719E+00 | -1.0543E+00 | 1.1449E+00 |
| 15.9 | -1.1569E+00 | 1.0811E+00 | -1.1773E+00 | 1.0498E+00 |
| 16.0 | -1.2766E+00 | 9.7670E-01 | -1.2921E+00 | 9.4155E-01 |
| 16.1 | -1.3868E+00 | 8.5951E-01 | -1.3974E+00 | 8.2078E-01 |
| 16.2 | -1.4863E+00 | 7.3027E-01 | -1.4918E+00 | 6.8836E-01 |
| 16.3 | -1.5738E+00 | 5.8993E-01 | -1.5740E+00 | 5.4525E-01 |
| 16.4 | -1.6480E+00 | 4.3957E-01 | -1.6429E+00 | 3.9258E-01 |
| 16.5 | -1.7078E+00 | 2.8040E-01 | -1.6974E+00 | 2.3158E-01 |
| 16.6 | -1.7522E+00 | 1.1375E-01 | -1.7366E+00 | 6.3609E-02 |
| 16.7 | -1.7804E+00 | -5.8929E-02 | -1.7595E+00 | -1.0985E-01 |
| 16.8 | -1.7915E+00 | -2.3608E-01 | -1.7655E+00 | -2.8725E-01 |
| 16.9 | -1.7849E+00 | -4.1608E-01 | -1.7540E+00 | -4.6692E-01 |
| 17.0 | -1.7603E+00 | -5.9720E-01 | -1.7247E+00 | -6.4715E-01 |
| 17.1 | -1.7173E+00 | -7.7765E-01 | -1.6772E+00 | -8.2616E-01 |
| 17.2 | -1.6558E+00 | -9.5562E-01 | -1.6116E+00 | -1.0021E+00 |
| 17.3 | -1.5759E+00 | -1.1292E+00 | -1.5278E+00 | -1.1732E+00 |
| 17.4 | -1.4779E+00 | -1.2967E+00 | -1.4263E+00 | -1.3376E+00 |
| 17.5 | -1.3622E+00 | -1.4560E+00 | -1.3076E+00 | -1.4934E+00 |
| 17.6 | -1.2294E+00 | -1.6055E+00 | -1.1722E+00 | -1.6388E+00 |
| 17.7 | -1.0804E+00 | -1.7432E+00 | -1.0210E+00 | -1.7721E+00 |
| 17.8 | -9.1624E-01 | -1.8675E+00 | -8.5519E-01 | -1.8915E+00 |
| 17.9 | -7.3801E-01 | -1.9768E+00 | -6.7585E-01 | -1.9956E+00 |
| 18.0 | -5.4714E-01 | -2.0695E+00 | -4.8441E-01 | -2.0828E+00 |
| 18.1 | -3.4515E-01 | -2.1441E+00 | -2.8241E-01 | -2.1517E+00 |
| 18.2 | -1.3374E-01 | -2.1994E+00 | -7.1555E-02 | -2.2011E+00 |
| 18.3 | 8.5256E-02 | -2.2343E+00 | 1.4630E-01 | -2.2299E+00 |
| 18.4 | 3.0987E-01 | -2.2478E+00 | 3.6920E-01 | -2.2372E+00 |
| 18.5 | 5.3802E-01 | -2.2390E+00 | 5.9506E-01 | -2.2224E+00 |
| 18.6 | 7.6752E-01 | -2.2076E+00 | 8.2172E-01 | -2.1849E+00 |
| 18.7 | 9.9613E-01 | -2.1530E+00 | 1.0469E+00 | -2.1243E+00 |
| 18.8 | 1.2215E+00 | -2.0751E+00 | 1.2684E+00 | -2.0407E+00 |
| 18.9 | 1.4413E+00 | -1.9741E+00 | 1.4838E+00 | -1.9342E+00 |
| 19.0 | 1.6532E+00 | -1.8502E+00 | 1.6908E+00 | -1.8051E+00 |
| 19.1 | 1.8548E+00 | -1.7040E+00 | 1.8871E+00 | -1.6541E+00 |
| 19.2 | 2.0438E+00 | -1.5363E+00 | 2.0703E+00 | -1.4820E+00 |
| 19.3 | 2.2179E+00 | -1.3481E+00 | 2.2383E+00 | -1.2898E+00 |
| 19.4 | 2.3748E+00 | -1.1407E+00 | 2.3890E+00 | -1.0791E+00 |
| 19.5 | 2.5127E+00 | -9.1555E-01 | 2.5202E+00 | -8.5113E-01 |
| 19.6 | 2.6294E+00 | -6.7445E-01 | 2.6301E+00 | -6.0784E-01 |
| 19.7 | 2.7232E+00 | -4.1931E-01 | 2.7170E+00 | -3.5115E-01 |
| 19.8 | 2.7924E+00 | -1.5225E-01 | 2.7792E+00 | -8.3229E-02 |
| 19.9 | 2.8356E+00 | 1.2439E-01 | 2.8154E+00 | 1.9358E-01 |
| 20.0 | 2.8517E+00 | 4.0815E-01 | 2.8245E+00 | 4.7680E-01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 0.0000E-01 | 0.0000E-01 |
| 0.1 | 9.9754E-01 | 4.3359E-04 | 4.3416E-03 | 4.9749E-02 |
| 0.2 | 9.9018E-01 | 1.7279E-03 | 8.5865E-03 | 9.9137E-02 |
| 0.3 | 9.7796E-01 | 3.8640E-03 | 1.2639E-02 | 1.4780E-01 |
| 0.4 | 9.6098E-01 | 6.8100E-03 | 1.6407E-02 | 1.9540E-01 |
| 0.5 | 9.3936E-01 | 1.0522E-02 | 1.9801E-02 | 2.4158E-01 |
| 0.6 | 9.1325E-01 | 1.4946E-02 | 2.2737E-02 | 2.8600E-01 |
| 0.7 | 8.8284E-01 | 2.0014E-02 | 2.5139E-02 | 3.2835E-01 |
| 0.8 | 8.4835E-01 | 2.5651E-02 | 2.6934E-02 | 3.6833E-01 |
| 0.9 | 8.1001E-01 | 3.1771E-02 | 2.8063E-02 | 4.0565E-01 |
| 1.0 | 7.6811E-01 | 3.8281E-02 | 2.8472E-02 | 4.4004E-01 |
| 1.1 | 7.2294E-01 | 4.5080E-02 | 2.8118E-02 | 4.7127E-01 |
| 1.2 | 6.7481E-01 | 5.2061E-02 | 2.6970E-02 | 4.9911E-01 |
| 1.3 | 6.2408E-01 | 5.9116E-02 | 2.5008E-02 | 5.2338E-01 |
| 1.4 | 5.7109E-01 | 6.6129E-02 | 2.2222E-02 | 5.4391E-01 |
| 1.5 | 5.1623E-01 | 7.2986E-02 | 1.8616E-02 | 5.6058E-01 |
| 1.6 | 4.5986E-01 | 7.9571E-02 | 1.4204E-02 | 5.7327E-01 |
| 1.7 | 4.0239E-01 | 8.5771E-02 | 9.0136E-03 | 5.8191E-01 |
| 1.8 | 3.4421E-01 | 9.1474E-02 | 3.0837E-03 | 5.8646E-01 |
| 1.9 | 2.8573E-01 | 9.6573E-02 | -3.5355E-03 | 5.8692E-01 |
| 2.0 | 2.2735E-01 | 1.0097E-01 | -1.0782E-02 | 5.8331E-01 |
| 2.1 | 1.6946E-01 | 1.0456E-01 | -1.8585E-02 | 5.7567E-01 |
| 2.2 | 1.1245E-01 | 1.0727E-01 | -2.6863E-02 | 5.6410E-01 |
| 2.3 | 5.6723E-02 | 1.0902E-01 | -3.5524E-02 | 5.4871E-01 |
| 2.4 | 2.6324E-03 | 1.0974E-01 | -4.4472E-02 | 5.2964E-01 |
| 2.5 | -4.9462E-02 | 1.0938E-01 | -5.3601E-02 | 5.0707E-01 |
| 2.6 | -9.9221E-02 | 1.0789E-01 | -6.2800E-02 | 4.8120E-01 |
| 2.7 | -1.4633E-01 | 1.0524E-01 | -7.1956E-02 | 4.5225E-01 |
| 2.8 | -1.9049E-01 | 1.0143E-01 | -8.0950E-02 | 4.2047E-01 |
| 2.9 | -2.3143E-01 | 9.6446E-02 | -8.9663E-02 | 3.8612E-01 |
| 3.0 | -2.6890E-01 | 9.0303E-02 | -9.7976E-02 | 3.4951E-01 |
| 3.1 | -3.0270E-01 | 8.3029E-02 | -1.0577E-01 | 3.1092E-01 |
| 3.2 | -3.3264E-01 | 7.4665E-02 | -1.1293E-01 | 2.7069E-01 |
| 3.3 | -3.5856E-01 | 6.5268E-02 | -1.1935E-01 | 2.2915E-01 |
| 3.4 | -3.8034E-01 | 5.4905E-02 | -1.2492E-01 | 1.8662E-01 |
| 3.5 | -3.9789E-01 | 4.3661E-02 | -1.2954E-01 | 1.4346E-01 |
| 3.6 | -4.1117E-01 | 3.1630E-02 | -1.3312E-01 | 1.0002E-01 |
| 3.7 | -4.2014E-01 | 1.8919E-02 | -1.3559E-01 | 5.6653E-02 |
| 3.8 | -4.2483E-01 | 5.6437E-03 | -1.3687E-01 | 1.3698E-02 |
| 3.9 | -4.2528E-01 | -8.0682E-03 | -1.3690E-01 | -2.8499E-02 |
| 4.0 | -4.2157E-01 | -2.2082E-02 | -1.3564E-01 | -6.9603E-02 |
| 4.1 | -4.1382E-01 | -3.6258E-02 | -1.3306E-01 | -1.0929E-01 |
| 4.2 | -4.0217E-01 | -5.0448E-02 | -1.2913E-01 | -1.4725E-01 |
| 4.3 | -3.8679E-01 | -6.4503E-02 | -1.2387E-01 | -1.8319E-01 |
| 4.4 | -3.6790E-01 | -7.8270E-02 | -1.1727E-01 | -2.1683E-01 |
| 4.5 | -3.4572E-01 | -9.1596E-02 | -1.0937E-01 | -2.4792E-01 |
| 4.6 | -3.2050E-01 | -1.0433E-01 | -1.0020E-01 | -2.7622E-01 |
| 4.7 | -2.9253E-01 | -1.1633E-01 | -8.9832E-02 | -3.0152E-01 |
| 4.8 | -2.6210E-01 | -1.2744E-01 | -7.8328E-02 | -3.2364E-01 |
| 4.9 | -2.2952E-01 | -1.3753E-01 | -6.5777E-02 | -3.4243E-01 |
| 5.0 | -1.9513E-01 | -1.4647E-01 | -5.2279E-02 | -3.5775E-01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | -1.9513E-01 | -1.4647E-01 | -5.2279E-02 | -3.5775E-01 |
| 5.1 | -1.5927E-01 | -1.5414E-01 | -3.7944E-02 | -3.6952E-01 |
| 5.2 | -1.2229E-01 | -1.6044E-01 | -2.2899E-02 | -3.7766E-01 |
| 5.3 | -8.4542E-02 | -1.6526E-01 | -7.2763E-03 | -3.8215E-01 |
| 5.4 | -4.6395E-02 | -1.6852E-01 | 8.7788E-03 | -3.8297E-01 |
| 5.5 | -8.2059E-03 | -1.7017E-01 | 2.5115E-02 | -3.8016E-01 |
| 5.6 | 2.9667E-02 | -1.7013E-01 | 4.1572E-02 | -3.7377E-01 |
| 5.7 | 6.6873E-02 | -1.6839E-01 | 5.7989E-02 | -3.6390E-01 |
| 5.8 | 1.0307E-01 | -1.6492E-01 | 7.4197E-02 | -3.5066E-01 |
| 5.9 | 1.3792E-01 | -1.5972E-01 | 9.0029E-02 | -3.3420E-01 |
| 6.0 | 1.7112E-01 | -1.5282E-01 | 1.0532E-01 | -3.1470E-01 |
| 6.1 | 2.0236E-01 | -1.4424E-01 | 1.1989E-01 | -2.9235E-01 |
| 6.2 | 2.3137E-01 | -1.3405E-01 | 1.3360E-01 | -2.6739E-01 |
| 6.3 | 2.5788E-01 | -1.2231E-01 | 1.4627E-01 | -2.4005E-01 |
| 6.4 | 2.8167E-01 | -1.0912E-01 | 1.5777E-01 | -2.1061E-01 |
| 6.5 | 3.0253E-01 | -9.4586E-02 | 1.6795E-01 | -1.7935E-01 |
| 6.6 | 3.2028E-01 | -7.8829E-02 | 1.7668E-01 | -1.4657E-01 |
| 6.7 | 3.3477E-01 | -6.1987E-02 | 1.8385E-01 | -1.1258E-01 |
| 6.8 | 3.4588E-01 | -4.4214E-02 | 1.8935E-01 | -7.7697E-02 |
| 6.9 | 3.5353E-01 | -2.5673E-02 | 1.9309E-01 | -4.2259E-02 |
| 7.0 | 3.5765E-01 | -6.5401E-03 | 1.9501E-01 | -6.5943E-03 |
| 7.1 | 3.5824E-01 | 1.3001E-02 | 1.9504E-01 | 2.8963E-02 |
| 7.2 | 3.5529E-01 | 3.2759E-02 | 1.9316E-01 | 6.4081E-02 |
| 7.3 | 3.4886E-01 | 5.2536E-02 | 1.8934E-01 | 9.8434E-02 |
| 7.4 | 3.3901E-01 | 7.2131E-02 | 1.8359E-01 | 1.3170E-01 |
| 7.5 | 3.2586E-01 | 9.1342E-02 | 1.7592E-01 | 1.6357E-01 |
| 7.6 | 3.0954E-01 | 1.0997E-01 | 1.6639E-01 | 1.9376E-01 |
| 7.7 | 2.9021E-01 | 1.2781E-01 | 1.5506E-01 | 2.2197E-01 |
| 7.8 | 2.6808E-01 | 1.4467E-01 | 1.4199E-01 | 2.4796E-01 |
| 7.9 | 2.4336E-01 | 1.6036E-01 | 1.2730E-01 | 2.7147E-01 |
| 8.0 | 2.1630E-01 | 1.7470E-01 | 1.1110E-01 | 2.9230E-01 |
| 8.1 | 1.8715E-01 | 1.8753E-01 | 9.3535E-02 | 3.1025E-01 |
| 8.2 | 1.5621E-01 | 1.9870E-01 | 7.4746E-02 | 3.2515E-01 |
| 8.3 | 1.2378E-01 | 2.0805E-01 | 5.4904E-02 | 3.3686E-01 |
| 8.4 | 9.0161E-02 | 2.1547E-01 | 3.4191E-02 | 3.4529E-01 |
| 8.5 | 5.5689E-02 | 2.2085E-01 | 1.2798E-02 | 3.5034E-01 |
| 8.6 | 2.0694E-02 | 2.2410E-01 | -9.0722E-03 | 3.5198E-01 |
| 8.7 | -1.4484E-02 | 2.2516E-01 | -3.1208E-02 | 3.5018E-01 |
| 8.8 | -4.9507E-02 | 2.2398E-01 | -5.3394E-02 | 3.4498E-01 |
| 8.9 | -8.4035E-02 | 2.2053E-01 | -7.5409E-02 | 3.3641E-01 |
| 9.0 | -1.1774E-01 | 2.1482E-01 | -9.7028E-02 | 3.2455E-01 |
| 9.1 | -1.5028E-01 | 2.0687E-01 | -1.1803E-01 | 3.0952E-01 |
| 9.2 | -1.8136E-01 | 1.9672E-01 | -1.3820E-01 | 2.9146E-01 |
| 9.3 | -2.1066E-01 | 1.8444E-01 | -1.5731E-01 | 2.7054E-01 |
| 9.4 | -2.3791E-01 | 1.7012E-01 | -1.7517E-01 | 2.4696E-01 |
| 9.5 | -2.6284E-01 | 1.5389E-01 | -1.9156E-01 | 2.2093E-01 |
| 9.6 | -2.8519E-01 | 1.3586E-01 | -2.0631E-01 | 1.9271E-01 |
| 9.7 | -3.0476E-01 | 1.1619E-01 | -2.1925E-01 | 1.6256E-01 |
| 9.8 | -3.2134E-01 | 9.5068E-02 | -2.3021E-01 | 1.3076E-01 |
| 9.9 | -3.3477E-01 | 7.2673E-02 | -2.3905E-01 | 9.7624E-02 |
| 10.0 | -3.4492E-01 | 4.9214E-02 | -2.4565E-01 | 6.3462E-02 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | -3.4492E-01 | 4.9214E-02 | -2.4565E-01 | 6.3462E-02 |
| 10.1 | -3.5167E-01 | 2.4911E-02 | -2.4992E-01 | 2.8602E-02 |
| 10.2 | -3.5495E-01 | -3.0346E-06 | -2.5178E-01 | -6.6236E-03 |
| 10.3 | -3.5473E-01 | -2.5286E-02 | -2.5116E-01 | -4.1876E-02 |
| 10.4 | -3.5099E-01 | -5.0689E-02 | -2.4804E-01 | -7.6814E-02 |
| 10.5 | -3.4376E-01 | -7.5959E-02 | -2.4241E-01 | -1.1110E-01 |
| 10.6 | -3.3311E-01 | -1.0084E-01 | -2.3429E-01 | -1.4440E-01 |
| 10.7 | -3.1911E-01 | -1.2507E-01 | -2.2372E-01 | -1.7639E-01 |
| 10.8 | -3.0191E-01 | -1.4840E-01 | -2.1078E-01 | -2.0676E-01 |
| 10.9 | -2.8165E-01 | -1.7059E-01 | -1.9555E-01 | -2.3521E-01 |
| 11.0 | -2.5852E-01 | -1.9139E-01 | -1.7816E-01 | -2.6145E-01 |
| 11.1 | -2.3274E-01 | -2.1057E-01 | -1.5874E-01 | -2.8521E-01 |
| 11.2 | -2.0455E-01 | -2.2791E-01 | -1.3746E-01 | -3.0627E-01 |
| 11.3 | -1.7421E-01 | -2.4323E-01 | -1.1450E-01 | -3.2440E-01 |
| 11.4 | -1.4201E-01 | -2.5632E-01 | -9.0078E-02 | -3.3942E-01 |
| 11.5 | -1.0826E-01 | -2.6704E-01 | -6.4405E-02 | -3.5116E-01 |
| 11.6 | -7.3276E-02 | -2.7523E-01 | -3.7722E-02 | -3.5950E-01 |
| 11.7 | -3.7403E-02 | -2.8079E-01 | -1.0281E-02 | -3.6433E-01 |
| 11.8 | -9.8307E-04 | -2.8361E-01 | 1.7656E-02 | -3.6560E-01 |
| 11.9 | 3.5628E-02 | -2.8362E-01 | 4.5817E-02 | -3.6327E-01 |
| 12.0 | 7.2074E-02 | -2.8080E-01 | 7.3923E-02 | -3.5735E-01 |
| 12.1 | 1.0800E-01 | -2.7513E-01 | 1.0169E-01 | -3.4787E-01 |
| 12.2 | 1.4304E-01 | -2.6661E-01 | 1.2885E-01 | -3.3491E-01 |
| 12.3 | 1.7685E-01 | -2.5531E-01 | 1.5510E-01 | -3.1857E-01 |
| 12.4 | 2.0910E-01 | -2.4129E-01 | 1.8019E-01 | -2.9899E-01 |
| 12.5 | 2.3946E-01 | -2.2466E-01 | 2.0383E-01 | -2.7635E-01 |
| 12.6 | 2.6762E-01 | -2.0555E-01 | 2.2578E-01 | -2.5085E-01 |
| 12.7 | 2.9328E-01 | -1.8411E-01 | 2.4578E-01 | -2.2272E-01 |
| 12.8 | 3.1619E-01 | -1.6053E-01 | 2.6363E-01 | -1.9221E-01 |
| 12.9 | 3.3610E-01 | -1.3501E-01 | 2.7909E-01 | -1.5961E-01 |
| 13.0 | 3.5279E-01 | -1.0778E-01 | 2.9200E-01 | -1.2523E-01 |
| 13.1 | 3.6608E-01 | -7.9100E-02 | 3.0217E-01 | -8.9387E-02 |
| 13.2 | 3.7582E-01 | -4.9228E-02 | 3.0948E-01 | -5.2423E-02 |
| 13.3 | 3.8189E-01 | -1.8449E-02 | 3.1381E-01 | -1.4693E-02 |
| 13.4 | 3.8419E-01 | 1.2939E-02 | 3.1507E-01 | 2.3440E-02 |
| 13.5 | 3.8270E-01 | 4.4631E-02 | 3.1321E-01 | 6.1605E-02 |
| 13.6 | 3.7738E-01 | 7.6312E-02 | 3.0821E-01 | 9.9429E-02 |
| 13.7 | 3.6827E-01 | 1.0766E-01 | 3.0006E-01 | 1.3654E-01 |
| 13.8 | 3.5544E-01 | 1.3837E-01 | 2.8881E-01 | 1.7256E-01 |
| 13.9 | 3.3897E-01 | 1.6811E-01 | 2.7453E-01 | 2.0715E-01 |
| 14.0 | 3.1900E-01 | 1.9658E-01 | 2.5732E-01 | 2.3994E-01 |
| 14.1 | 2.9571E-01 | 2.2346E-01 | 2.3730E-01 | 2.7059E-01 |
| 14.2 | 2.6930E-01 | 2.4848E-01 | 2.1464E-01 | 2.9881E-01 |
| 14.3 | 2.4000E-01 | 2.7135E-01 | 1.8953E-01 | 3.2428E-01 |
| 14.4 | 2.0809E-01 | 2.9181E-01 | 1.6219E-01 | 3.4673E-01 |
| 14.5 | 1.7385E-01 | 3.0963E-01 | 1.3285E-01 | 3.6593E-01 |
| 14.6 | 1.3760E-01 | 3.2459E-01 | 1.0179E-01 | 3.8165E-01 |
| 14.7 | 9.9699E-02 | 3.3650E-01 | 6.9285E-02 | 3.9372E-01 |
| 14.8 | 6.0491E-02 | 3.4521E-01 | 3.5644E-02 | 4.0198E-01 |
| 14.9 | 2.0357E-02 | 3.5057E-01 | 1.1875E-03 | 4.0633E-01 |
| 15.0 | -2.0313E-02 | 3.5250E-01 | -3.3752E-02 | 4.0668E-01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | -2.0313E-02 | 3.5250E-01 | -3.3752E-02 | 4.0668E-01 |
| 15.1 | -6.1123E-02 | 3.5092E-01 | -6.8833E-02 | 4.0300E-01 |
| 15.2 | -1.0167E-01 | 3.4581E-01 | -1.0371E-01 | 3.9528E-01 |
| 15.3 | -1.4155E-01 | 3.3716E-01 | -1.3802E-01 | 3.8359E-01 |
| 15.4 | -1.8037E-01 | 3.2501E-01 | -1.7143E-01 | 3.6798E-01 |
| 15.5 | -2.1773E-01 | 3.0945E-01 | -2.0358E-01 | 3.4858E-01 |
| 15.6 | -2.5324E-01 | 2.9057E-01 | -2.3414E-01 | 3.2555E-01 |
| 15.7 | -2.8655E-01 | 2.6852E-01 | -2.6278E-01 | 2.9909E-01 |
| 15.8 | -3.1730E-01 | 2.4349E-01 | -2.8919E-01 | 2.6941E-01 |
| 15.9 | -3.4516E-01 | 2.1568E-01 | -3.1307E-01 | 2.3680E-01 |
| 16.0 | -3.6984E-01 | 1.8533E-01 | -3.3415E-01 | 2.0153E-01 |
| 16.1 | -3.9106E-01 | 1.5271E-01 | -3.5218E-01 | 1.6393E-01 |
| 16.2 | -4.0857E-01 | 1.1812E-01 | -3.6695E-01 | 1.2436E-01 |
| 16.3 | -4.2217E-01 | 8.1880E-02 | -3.7825E-01 | 8.3182E-02 |
| 16.4 | -4.3168E-01 | 4.4326E-02 | -3.8593E-01 | 4.0788E-02 |
| 16.5 | -4.3698E-01 | 5.8200E-03 | -3.8986E-01 | -2.4130E-03 |
| 16.6 | -4.3797E-01 | -3.3266E-02 | -3.8996E-01 | -4.6004E-02 |
| 16.7 | -4.3460E-01 | -7.2548E-02 | -3.8616E-01 | -8.9557E-02 |
| 16.8 | -4.2687E-01 | -1.1163E-01 | -3.7846E-01 | -1.3264E-01 |
| 16.9 | -4.1479E-01 | -1.5013E-01 | -3.6687E-01 | -1.7483E-01 |
| 17.0 | -3.9846E-01 | -1.8764E-01 | -3.5146E-01 | -2.1569E-01 |
| 17.1 | -3.7799E-01 | -2.2379E-01 | -3.3233E-01 | -2.5481E-01 |
| 17.2 | -3.5354E-01 | -2.5818E-01 | -3.0963E-01 | -2.9179E-01 |
| 17.3 | -3.2533E-01 | -2.9044E-01 | -2.8352E-01 | -3.2624E-01 |
| 17.4 | -2.9358E-01 | -3.2024E-01 | -2.5423E-01 | -3.5778E-01 |
| 17.5 | -2.5857E-01 | -3.4722E-01 | -2.2200E-01 | -3.8609E-01 |
| 17.6 | -2.2063E-01 | -3.7110E-01 | -1.8712E-01 | -4.1084E-01 |
| 17.7 | -1.8010E-01 | -3.9158E-01 | -1.4989E-01 | -4.3176E-01 |
| 17.8 | -1.3735E-01 | -4.0841E-01 | -1.1067E-01 | -4.4859E-01 |
| 17.9 | -9.2789E-02 | -4.2138E-01 | -6.9798E-02 | -4.6114E-01 |
| 18.0 | -4.6836E-02 | -4.3030E-01 | -2.7679E-02 | -4.6922E-01 |
| 18.1 | 6.6278E-05 | -4.3503E-01 | 1.5289E-02 | -4.7272E-01 |
| 18.2 | 4.7462E-02 | -4.3547E-01 | 5.8688E-02 | -4.7155E-01 |
| 18.3 | 9.4884E-02 | -4.3155E-01 | 1.0209E-01 | -4.6567E-01 |
| 18.4 | 1.4186E-01 | -4.2325E-01 | 1.4506E-01 | -4.5509E-01 |
| 18.5 | 1.8793E-01 | -4.1059E-01 | 1.8717E-01 | -4.3986E-01 |
| 18.6 | 2.3261E-01 | -3.9365E-01 | 2.2798E-01 | -4.2009E-01 |
| 18.7 | 2.7545E-01 | -3.7254E-01 | 2.6706E-01 | -3.9592E-01 |
| 18.8 | 3.1600E-01 | -3.4740E-01 | 3.0401E-01 | -3.6754E-01 |
| 18.9 | 3.5384E-01 | -3.1845E-01 | 3.3842E-01 | -3.3519E-01 |
| 19.0 | 3.8855E-01 | -2.8590E-01 | 3.6992E-01 | -2.9915E-01 |
| 19.1 | 4.1976E-01 | -2.5006E-01 | 3.9815E-01 | -2.5972E-01 |
| 19.2 | 4.4713E-01 | -2.1122E-01 | 4.2279E-01 | -2.1727E-01 |
| 19.3 | 4.7032E-01 | -1.6973E-01 | 4.4353E-01 | -1.7219E-01 |
| 19.4 | 4.8908E-01 | -1.2598E-01 | 4.6012E-01 | -1.2489E-01 |
| 19.5 | 5.0316E-01 | -8.0373E-02 | 4.7234E-01 | -7.5807E-02 |
| 19.6 | 5.1236E-01 | -3.3339E-02 | 4.8001E-01 | -2.5420E-02 |
| 19.7 | 5.1655E-01 | 1.4668E-02 | 4.8298E-01 | 2.5789E-02 |
| 19.8 | 5.1562E-01 | 6.3181E-02 | 4.8116E-01 | 7.7322E-02 |
| 19.9 | 5.0952E-01 | 1.1172E-01 | 4.7451E-01 | 1.2867E-01 |
| 20.0 | 4.9826E-01 | 1.5980E-01 | 4.6303E-01 | 1.7932E-01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|-----|-------------|--------|--------|-------------|
| 0.0 | 1.0000E+00 | 0.00 | 0.00 | 0.0000E-01 |
| 0.1 | 9.9750E-01 | | | 4.9938E-02 |
| 0.2 | 9.9002E-01 | | | 9.9501E-02 |
| 0.3 | 9.7763E-01 | | | 1.4832E-01 |
| 0.4 | 9.6040E-01 | | | 1.9603E-01 |
| 0.5 | 9.3847E-01 | | | 2.4227E-01 |
| 0.6 | 9.1200E-01 | | | 2.8670E-01 |
| 0.7 | 8.8120E-01 | | | 3.2900E-01 |
| 0.8 | 8.4629E-01 | | | 3.6884E-01 |
| 0.9 | 8.0752E-01 | | | 4.0595E-01 |
| 1.0 | 7.6520E-01 | 0.00 | 0.00 | 4.4005E-01 |
| 1.1 | 7.1962E-01 | | | 4.7090E-01 |
| 1.2 | 6.7113E-01 | | | 4.9829E-01 |
| 1.3 | 6.2009E-01 | | | 5.2202E-01 |
| 1.4 | 5.6686E-01 | | | 5.4195E-01 |
| 1.5 | 5.1183E-01 | | | 5.5794E-01 |
| 1.6 | 4.5540E-01 | | | 5.6990E-01 |
| 1.7 | 3.9798E-01 | | | 5.7777E-01 |
| 1.8 | 3.3999E-01 | | | 5.8152E-01 |
| 1.9 | 2.8182E-01 | | | 5.8116E-01 |
| 2.0 | 2.2389E-01 | 0.00 | 0.00 | 5.7672E-01 |
| 2.1 | 1.6661E-01 | | | 5.6829E-01 |
| 2.2 | 1.1036E-01 | | | 5.5596E-01 |
| 2.3 | 5.5540E-02 | | | 5.3987E-01 |
| 2.4 | 2.5076E-03 | | | 5.2019E-01 |
| 2.5 | -4.8384E-02 | | | 4.9709E-01 |
| 2.6 | -9.6805E-02 | | | 4.7082E-01 |
| 2.7 | -1.4245E-01 | | | 4.4160E-01 |
| 2.8 | -1.8504E-01 | | | 4.0971E-01 |
| 2.9 | -2.2431E-01 | | | 3.7543E-01 |
| 3.0 | -2.6005E-01 | 0.00 | 0.00 | 3.3906E-01 |
| 3.1 | -2.9206E-01 | | | 3.0092E-01 |
| 3.2 | -3.2019E-01 | | | 2.6134E-01 |
| 3.3 | -3.4430E-01 | | | 2.2066E-01 |
| 3.4 | -3.6430E-01 | | | 1.7923E-01 |
| 3.5 | -3.8013E-01 | | | 1.3738E-01 |
| 3.6 | -3.9177E-01 | | | 9.5466E-02 |
| 3.7 | -3.9923E-01 | | | 5.3834E-02 |
| 3.8 | -4.0256E-01 | | | 1.2821E-02 |
| 3.9 | -4.0183E-01 | | | -2.7244E-02 |
| 4.0 | -3.9715E-01 | 0.00 | 0.00 | -6.6043E-02 |
| 4.1 | -3.8867E-01 | | | -1.0327E-01 |
| 4.2 | -3.7656E-01 | | | -1.3865E-01 |
| 4.3 | -3.6101E-01 | | | -1.7190E-01 |
| 4.4 | -3.4226E-01 | | | -2.0278E-01 |
| 4.5 | -3.2054E-01 | | | -2.3106E-01 |
| 4.6 | -2.9614E-01 | | | -2.5655E-01 |
| 4.7 | -2.6933E-01 | | | -2.7908E-01 |
| 4.8 | -2.4043E-01 | | | -2.9850E-01 |
| 4.9 | -2.0974E-01 | | | -3.1469E-01 |
| 5.0 | -1.7760E-01 | 0.00 | 0.00 | -3.2758E-01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|--------|--------|-------------|
| 5.0 | -1.7760E-01 | 0.00 | 0.00 | -3.2758E-01 |
| 5.1 | -1.4433E-01 | | | -3.3710E-01 |
| 5.2 | -1.1029E-01 | | | -3.4322E-01 |
| 5.3 | -7.5803E-02 | | | -3.4596E-01 |
| 5.4 | -4.1210E-02 | | | -3.4534E-01 |
| 5.5 | -6.8439E-03 | | | -3.4144E-01 |
| 5.6 | 2.6971E-02 | | | -3.3433E-01 |
| 5.7 | 5.9920E-02 | | | -3.2415E-01 |
| 5.8 | 9.1703E-02 | | | -3.1103E-01 |
| 5.9 | 1.2203E-01 | | | -2.9514E-01 |
| 6.0 | 1.5065E-01 | 0.00 | 0.00 | -2.7668E-01 |
| 6.1 | 1.7729E-01 | | | -2.5586E-01 |
| 6.2 | 2.0175E-01 | | | -2.3292E-01 |
| 6.3 | 2.2381E-01 | | | -2.0809E-01 |
| 6.4 | 2.4331E-01 | | | -1.8164E-01 |
| 6.5 | 2.6009E-01 | | | -1.5384E-01 |
| 6.6 | 2.7404E-01 | | | -1.2498E-01 |
| 6.7 | 2.8506E-01 | | | -9.5342E-02 |
| 6.8 | 2.9310E-01 | | | -6.5219E-02 |
| 6.9 | 2.9810E-01 | | | -3.4902E-02 |
| 7.0 | 3.0008E-01 | 0.00 | 0.00 | -4.6828E-03 |
| 7.1 | 2.9905E-01 | | | 2.5153E-02 |
| 7.2 | 2.9507E-01 | | | 5.4328E-02 |
| 7.3 | 2.8822E-01 | | | 8.2570E-02 |
| 7.4 | 2.7860E-01 | | | 1.0963E-01 |
| 7.5 | 2.6634E-01 | | | 1.3525E-01 |
| 7.6 | 2.5160E-01 | | | 1.5921E-01 |
| 7.7 | 2.3456E-01 | | | 1.8131E-01 |
| 7.8 | 2.1541E-01 | | | 2.0136E-01 |
| 7.9 | 1.9436E-01 | | | 2.1918E-01 |
| 8.0 | 1.7165E-01 | 0.00 | 0.00 | 2.3464E-01 |
| 8.1 | 1.4752E-01 | | | 2.4761E-01 |
| 8.2 | 1.2222E-01 | | | 2.5800E-01 |
| 8.3 | 9.6006E-02 | | | 2.6574E-01 |
| 8.4 | 6.9157E-02 | | | 2.7079E-01 |
| 8.5 | 4.1939E-02 | | | 2.7312E-01 |
| 8.6 | 1.4623E-02 | | | 2.7275E-01 |
| 8.7 | -1.2523E-02 | | | 2.6972E-01 |
| 8.8 | -3.9234E-02 | | | 2.6407E-01 |
| 8.9 | -6.5253E-02 | | | 2.5590E-01 |
| 9.0 | -9.0334E-02 | 0.00 | 0.00 | 2.4531E-01 |
| 9.1 | -1.1424E-01 | | | 2.3243E-01 |
| 9.2 | -1.3675E-01 | | | 2.1741E-01 |
| 9.3 | -1.5766E-01 | | | 2.0041E-01 |
| 9.4 | -1.7677E-01 | | | 1.8163E-01 |
| 9.5 | -1.9393E-01 | | | 1.6126E-01 |
| 9.6 | -2.0898E-01 | | | 1.3952E-01 |
| 9.7 | -2.2180E-01 | | | 1.1664E-01 |
| 9.8 | -2.3228E-01 | | | 9.2840E-02 |
| 9.9 | -2.4034E-01 | | | 6.8370E-02 |
| 10.0 | -2.4594E-01 | 0.00 | 0.00 | 4.3473E-02 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|--------|--------|-------------|
| 10.0 | -2.4594E-01 | 0.00 | 0.00 | 4.3473E-02 |
| 10.1 | -2.4903E-01 | | | 1.8395E-02 |
| 10.2 | -2.4962E-01 | | | -6.6157E-03 |
| 10.3 | -2.4772E-01 | | | -3.1318E-02 |
| 10.4 | -2.4337E-01 | | | -5.5473E-02 |
| 10.5 | -2.3665E-01 | | | -7.8850E-02 |
| 10.6 | -2.2764E-01 | | | -1.0123E-01 |
| 10.7 | -2.1644E-01 | | | -1.2240E-01 |
| 10.8 | -2.0320E-01 | | | -1.4217E-01 |
| 10.9 | -1.8806E-01 | | | -1.6035E-01 |
| 11.0 | -1.7119E-01 | 0.00 | 0.00 | -1.7679E-01 |
| 11.1 | -1.5277E-01 | | | -1.9133E-01 |
| 11.2 | -1.3299E-01 | | | -2.0385E-01 |
| 11.3 | -1.1207E-01 | | | -2.1426E-01 |
| 11.4 | -9.0215E-02 | | | -2.2245E-01 |
| 11.5 | -6.7654E-02 | | | -2.2838E-01 |
| 11.6 | -4.4616E-02 | | | -2.3200E-01 |
| 11.7 | -2.1331E-02 | | | -2.3330E-01 |
| 11.8 | 1.9672E-03 | | | -2.3228E-01 |
| 11.9 | 2.5049E-02 | | | -2.2898E-01 |
| 12.0 | 4.7689E-02 | 0.00 | 0.00 | -2.2345E-01 |
| 12.1 | 6.9667E-02 | | | -2.1575E-01 |
| 12.2 | 9.0770E-02 | | | -2.0598E-01 |
| 12.3 | 1.1080E-01 | | | -1.9426E-01 |
| 12.4 | 1.2956E-01 | | | -1.8071E-01 |
| 12.5 | 1.4688E-01 | | | -1.6548E-01 |
| 12.6 | 1.6261E-01 | | | -1.4874E-01 |
| 12.7 | 1.7659E-01 | | | -1.3066E-01 |
| 12.8 | 1.8870E-01 | | | -1.1143E-01 |
| 12.9 | 1.9884E-01 | | | -9.1248E-02 |
| 13.0 | 2.0693E-01 | 0.00 | 0.00 | -7.0318E-02 |
| 13.1 | 2.1289E-01 | | | -4.8852E-02 |
| 13.2 | 2.1669E-01 | | | -2.7067E-02 |
| 13.3 | 2.1830E-01 | | | -5.1774E-03 |
| 13.4 | 2.1773E-01 | | | 1.6599E-02 |
| 13.5 | 2.1499E-01 | | | 3.8049E-02 |
| 13.6 | 2.1013E-01 | | | 5.8965E-02 |
| 13.7 | 2.0322E-01 | | | 7.9143E-02 |
| 13.8 | 1.9434E-01 | | | 9.8391E-02 |
| 13.9 | 1.8358E-01 | | | 1.1652E-01 |
| 14.0 | 1.7107E-01 | 0.00 | 0.00 | 1.3338E-01 |
| 14.1 | 1.5695E-01 | | | 1.4878E-01 |
| 14.2 | 1.4137E-01 | | | 1.6261E-01 |
| 14.3 | 1.2449E-01 | | | 1.7473E-01 |
| 14.4 | 1.0648E-01 | | | 1.8503E-01 |
| 14.5 | 8.7545E-02 | | | 1.9343E-01 |
| 14.6 | 6.7864E-02 | | | 1.9985E-01 |
| 14.7 | 4.7642E-02 | | | 2.0425E-01 |
| 14.8 | 2.7082E-02 | | | 2.0660E-01 |
| 14.9 | 6.3914E-03 | | | 2.0688E-01 |
| 15.0 | -1.4224E-02 | 0.00 | 0.00 | 2.0510E-01 |

| R | RE(I0) | IM(I0) | RE(I1) | IM(I1) |
|------|-------------|--------|--------|-------------|
| 15.0 | -1.4224E-02 | 0.00 | 0.00 | 2.0510E-01 |
| 15.1 | -3.4562E-02 | | | 2.0131E-01 |
| 15.2 | -5.4421E-02 | | | 1.9555E-01 |
| 15.3 | -7.3608E-02 | | | 1.8788E-01 |
| 15.4 | -9.1936E-02 | | | 1.7840E-01 |
| 15.5 | -1.0923E-01 | | | 1.6721E-01 |
| 15.6 | -1.2533E-01 | | | 1.5444E-01 |
| 15.7 | -1.4007E-01 | | | 1.4022E-01 |
| 15.8 | -1.5333E-01 | | | 1.2469E-01 |
| 15.9 | -1.6497E-01 | | | 1.0803E-01 |
| 16.0 | -1.7490E-01 | 0.00 | 0.00 | 9.0397E-02 |
| 16.1 | -1.8302E-01 | | | 7.1979E-02 |
| 16.2 | -1.8927E-01 | | | 5.2961E-02 |
| 16.3 | -1.9360E-01 | | | 3.3535E-02 |
| 16.4 | -1.9597E-01 | | | 1.3895E-02 |
| 16.5 | -1.9638E-01 | | | -5.7642E-03 |
| 16.6 | -1.9483E-01 | | | -2.5247E-02 |
| 16.7 | -1.9134E-01 | | | -4.4363E-02 |
| 16.8 | -1.8597E-01 | | | -6.2923E-02 |
| 16.9 | -1.7878E-01 | | | -8.0749E-02 |
| 17.0 | -1.6985E-01 | 0.00 | 0.00 | -9.7668E-02 |
| 17.1 | -1.5929E-01 | | | -1.1352E-01 |
| 17.2 | -1.4719E-01 | | | -1.2815E-01 |
| 17.3 | -1.3370E-01 | | | -1.4142E-01 |
| 17.4 | -1.1896E-01 | | | -1.5322E-01 |
| 17.5 | -1.0311E-01 | | | -1.6342E-01 |
| 17.6 | -8.6328E-02 | | | -1.7194E-01 |
| 17.7 | -6.8780E-02 | | | -1.7871E-01 |
| 17.8 | -5.0647E-02 | | | -1.8366E-01 |
| 17.9 | -3.2110E-02 | | | -1.8677E-01 |
| 18.0 | -1.3356E-02 | 0.00 | 0.00 | -1.8799E-01 |
| 18.1 | 5.4271E-03 | | | -1.8735E-01 |
| 18.2 | 2.4052E-02 | | | -1.8485E-01 |
| 18.3 | 4.2336E-02 | | | -1.8052E-01 |
| 18.4 | 6.0098E-02 | | | -1.7443E-01 |
| 18.5 | 7.7165E-02 | | | -1.6663E-01 |
| 18.6 | 9.3371E-02 | | | -1.5723E-01 |
| 18.7 | 1.0856E-01 | | | -1.4631E-01 |
| 18.8 | 1.2259E-01 | | | -1.3399E-01 |
| 18.9 | 1.3532E-01 | | | -1.2041E-01 |
| 19.0 | 1.4663E-01 | 0.00 | 0.00 | -1.0570E-01 |
| 19.1 | 1.5642E-01 | | | -9.0022E-02 |
| 19.2 | 1.6461E-01 | | | -7.3529E-02 |
| 19.3 | 1.7111E-01 | | | -5.6391E-02 |
| 19.4 | 1.7587E-01 | | | -3.8782E-02 |
| 19.5 | 1.7885E-01 | | | -2.0877E-02 |
| 19.6 | 1.8004E-01 | | | -2.8565E-03 |
| 19.7 | 1.7943E-01 | | | 1.5101E-02 |
| 19.8 | 1.7703E-01 | | | 3.2817E-02 |
| 19.9 | 1.7288E-01 | | | 5.0117E-02 |
| 20.0 | 1.6702E-01 | 0.00 | 0.00 | 6.6833E-02 |

0.0 DEG

PAGE 77

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|-----|------------|---------|------------|-------|
| 0.0 | 1.0000E+00 | 0.00 | 1.0000E+00 | 0.00 |
| 0.1 | 9.9875E-01 | | 1.0012E+00 | |
| 0.2 | 9.9503E-01 | | 1.0050E+00 | |
| 0.3 | 9.8892E-01 | | 1.0112E+00 | |
| 0.4 | 9.8052E-01 | | 1.0199E+00 | |
| 0.5 | 9.7000E-01 | | 1.0309E+00 | |
| 0.6 | 9.5754E-01 | | 1.0443E+00 | |
| 0.7 | 9.4336E-01 | | 1.0600E+00 | |
| 0.8 | 9.2769E-01 | | 1.0779E+00 | |
| 0.9 | 9.1075E-01 | | 1.0980E+00 | |
| 1.0 | 8.9278E-01 | 0.00 | 1.1201E+00 | 0.00 |
| 1.1 | 8.7401E-01 | | 1.1442E+00 | |
| 1.2 | 8.5464E-01 | | 1.1701E+00 | |
| 1.3 | 8.3487E-01 | | 1.1978E+00 | |
| 1.4 | 8.1489E-01 | | 1.2272E+00 | |
| 1.5 | 7.9484E-01 | | 1.2581E+00 | |
| 1.6 | 7.7487E-01 | | 1.2905E+00 | |
| 1.7 | 7.5509E-01 | | 1.3243E+00 | |
| 1.8 | 7.3560E-01 | | 1.3594E+00 | |
| 1.9 | 7.1647E-01 | | 1.3957E+00 | |
| 2.0 | 6.9777E-01 | 0.00 | 1.4331E+00 | 0.00 |
| 2.1 | 6.7955E-01 | | 1.4716E+00 | |
| 2.2 | 6.6185E-01 | | 1.5109E+00 | |
| 2.3 | 6.4467E-01 | | 1.5512E+00 | |
| 2.4 | 6.2806E-01 | | 1.5922E+00 | |
| 2.5 | 6.1200E-01 | | 1.6340E+00 | |
| 2.6 | 5.9650E-01 | | 1.6764E+00 | |
| 2.7 | 5.8156E-01 | | 1.7195E+00 | |
| 2.8 | 5.6717E-01 | | 1.7631E+00 | |
| 2.9 | 5.5332E-01 | | 1.8073E+00 | |
| 3.0 | 5.3999E-01 | 0.00 | 1.8519E+00 | 0.00 |
| 3.1 | 5.2717E-01 | | 1.8969E+00 | |
| 3.2 | 5.1484E-01 | | 1.9423E+00 | |
| 3.3 | 5.0299E-01 | | 1.9881E+00 | |
| 3.4 | 4.9159E-01 | | 2.0342E+00 | |
| 3.5 | 4.8063E-01 | | 2.0806E+00 | |
| 3.6 | 4.7009E-01 | | 2.1273E+00 | |
| 3.7 | 4.5995E-01 | | 2.1742E+00 | |
| 3.8 | 4.5019E-01 | | 2.2213E+00 | |
| 3.9 | 4.4080E-01 | | 2.2686E+00 | |
| 4.0 | 4.3176E-01 | 0.00 | 2.3161E+00 | 0.00 |
| 4.1 | 4.2305E-01 | | 2.3638E+00 | |
| 4.2 | 4.1466E-01 | | 2.4116E+00 | |
| 4.3 | 4.0658E-01 | | 2.4596E+00 | |
| 4.4 | 3.9878E-01 | | 2.5076E+00 | |
| 4.5 | 3.9126E-01 | | 2.5559E+00 | |
| 4.6 | 3.8400E-01 | | 2.6042E+00 | |
| 4.7 | 3.7699E-01 | | 2.6526E+00 | |
| 4.8 | 3.7022E-01 | | 2.7011E+00 | |
| 4.9 | 3.6368E-01 | | 2.7497E+00 | |
| 5.0 | 3.5735E-01 | 0.00 | 2.7984E+00 | 0.00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|---------|------------|-------|
| 5.0 | 3.5735E-01 | 0.00 | 2.7984E+00 | 0.00 |
| 5.1 | 3.5124E-01 | | 2.8471E+00 | |
| 5.2 | 3.4532E-01 | | 2.8959E+00 | |
| 5.3 | 3.3959E-01 | | 2.9448E+00 | |
| 5.4 | 3.3404E-01 | | 2.9937E+00 | |
| 5.5 | 3.2866E-01 | | 3.0426E+00 | |
| 5.6 | 3.2345E-01 | | 3.0917E+00 | |
| 5.7 | 3.1840E-01 | | 3.1407E+00 | |
| 5.8 | 3.1349E-01 | | 3.1898E+00 | |
| 5.9 | 3.0874E-01 | | 3.2390E+00 | |
| 6.0 | 3.0412E-01 | 0.00 | 3.2882E+00 | 0.00 |
| 6.1 | 2.9963E-01 | | 3.3374E+00 | |
| 6.2 | 2.9528E-01 | | 3.3866E+00 | |
| 6.3 | 2.9104E-01 | | 3.4359E+00 | |
| 6.4 | 2.8692E-01 | | 3.4852E+00 | |
| 6.5 | 2.8292E-01 | | 3.5346E+00 | |
| 6.6 | 2.7902E-01 | | 3.5839E+00 | |
| 6.7 | 2.7523E-01 | | 3.6333E+00 | |
| 6.8 | 2.7154E-01 | | 3.6827E+00 | |
| 6.9 | 2.6794E-01 | | 3.7322E+00 | |
| 7.0 | 2.6444E-01 | 0.00 | 3.7816E+00 | 0.00 |
| 7.1 | 2.6102E-01 | | 3.8311E+00 | |
| 7.2 | 2.5769E-01 | | 3.8806E+00 | |
| 7.3 | 2.5445E-01 | | 3.9301E+00 | |
| 7.4 | 2.5128E-01 | | 3.9796E+00 | |
| 7.5 | 2.4819E-01 | | 4.0291E+00 | |
| 7.6 | 2.4518E-01 | | 4.0787E+00 | |
| 7.7 | 2.4223E-01 | | 4.1282E+00 | |
| 7.8 | 2.3936E-01 | | 4.1778E+00 | |
| 7.9 | 2.3655E-01 | | 4.2274E+00 | |
| 8.0 | 2.3381E-01 | 0.00 | 4.2770E+00 | 0.00 |
| 8.1 | 2.3113E-01 | | 4.3266E+00 | |
| 8.2 | 2.2851E-01 | | 4.3762E+00 | |
| 8.3 | 2.2594E-01 | | 4.4259E+00 | |
| 8.4 | 2.2344E-01 | | 4.4755E+00 | |
| 8.5 | 2.2099E-01 | | 4.5252E+00 | |
| 8.6 | 2.1859E-01 | | 4.5748E+00 | |
| 8.7 | 2.1624E-01 | | 4.6245E+00 | |
| 8.8 | 2.1394E-01 | | 4.6742E+00 | |
| 8.9 | 2.1169E-01 | | 4.7239E+00 | |
| 9.0 | 2.0949E-01 | 0.00 | 4.7736E+00 | 0.00 |
| 9.1 | 2.0733E-01 | | 4.8233E+00 | |
| 9.2 | 2.0521E-01 | | 4.8730E+00 | |
| 9.3 | 2.0314E-01 | | 4.9227E+00 | |
| 9.4 | 2.0111E-01 | | 4.9724E+00 | |
| 9.5 | 1.9912E-01 | | 5.0222E+00 | |
| 9.6 | 1.9716E-01 | | 5.0719E+00 | |
| 9.7 | 1.9525E-01 | | 5.1217E+00 | |
| 9.8 | 1.9337E-01 | | 5.1714E+00 | |
| 9.9 | 1.9153E-01 | | 5.2212E+00 | |
| 10.0 | 1.8972E-01 | 0.00 | 5.2709E+00 | 0.00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|---------|------------|-------|
| 10.0 | 1.8972E-01 | 0.00 | 5.2709E+00 | 0.00 |
| 10.1 | 1.8795E-01 | | 5.3207E+00 | |
| 10.2 | 1.8620E-01 | | 5.3705E+00 | |
| 10.3 | 1.8449E-01 | | 5.4202E+00 | |
| 10.4 | 1.8281E-01 | | 5.4700E+00 | |
| 10.5 | 1.8117E-01 | | 5.5198E+00 | |
| 10.6 | 1.7955E-01 | | 5.5696E+00 | |
| 10.7 | 1.7795E-01 | | 5.6194E+00 | |
| 10.8 | 1.7639E-01 | | 5.6692E+00 | |
| 10.9 | 1.7486E-01 | | 5.7190E+00 | |
| 11.0 | 1.7335E-01 | 0.00 | 5.7688E+00 | 0.00 |
| 11.1 | 1.7186E-01 | | 5.8186E+00 | |
| 11.2 | 1.7040E-01 | | 5.8684E+00 | |
| 11.3 | 1.6897E-01 | | 5.9183E+00 | |
| 11.4 | 1.6756E-01 | | 5.9681E+00 | |
| 11.5 | 1.6617E-01 | | 6.0179E+00 | |
| 11.6 | 1.6481E-01 | | 6.0677E+00 | |
| 11.7 | 1.6346E-01 | | 6.1176E+00 | |
| 11.8 | 1.6214E-01 | | 6.1674E+00 | |
| 11.9 | 1.6084E-01 | | 6.2173E+00 | |
| 12.0 | 1.5956E-01 | 0.00 | 6.2671E+00 | 0.00 |
| 12.1 | 1.5830E-01 | | 6.316^E+00 | |
| 12.2 | 1.5707E-01 | | 6.3666E+00 | |
| 12.3 | 1.5584E-01 | | 6.4166E+00 | |
| 12.4 | 1.5464E-01 | | 6.4665E+00 | |
| 12.5 | 1.5346E-01 | | 6.5163E+00 | |
| 12.6 | 1.5229E-01 | | 6.5662E+00 | |
| 12.7 | 1.5115E-01 | | 6.6161E+00 | |
| 12.8 | 1.5002E-01 | | 6.6659E+00 | |
| 12.9 | 1.4890E-01 | | 6.7158E+00 | |
| 13.0 | 1.4781E-01 | 0.00 | 6.7657E+00 | 0.00 |
| 13.1 | 1.4672E-01 | | 6.8155E+00 | |
| 13.2 | 1.4566E-01 | | 6.8654E+00 | |
| 13.3 | 1.4461E-01 | | 6.9153E+00 | |
| 13.4 | 1.4357E-01 | | 6.9652E+00 | |
| 13.5 | 1.4255E-01 | | 7.0150E+00 | |
| 13.6 | 1.4154E-01 | | 7.0649E+00 | |
| 13.7 | 1.4055E-01 | | 7.1148E+00 | |
| 13.8 | 1.3957E-01 | | 7.1647E+00 | |
| 13.9 | 1.3861E-01 | | 7.2146E+00 | |
| 14.0 | 1.3766E-01 | 0.00 | 7.2645E+00 | 0.00 |
| 14.1 | 1.3672E-01 | | 7.3143E+00 | |
| 14.2 | 1.3579E-01 | | 7.3642E+00 | |
| 14.3 | 1.3488E-01 | | 7.4141E+00 | |
| 14.4 | 1.3398E-01 | | 7.4640E+00 | |
| 14.5 | 1.3309E-01 | | 7.5139E+00 | |
| 14.6 | 1.3221E-01 | | 7.5638E+00 | |
| 14.7 | 1.3134E-01 | | 7.6137E+00 | |
| 14.8 | 1.3049E-01 | | 7.6636E+00 | |
| 14.9 | 1.2964E-01 | | 7.7135E+00 | |
| 15.0 | 1.2881E-01 | 0.00 | 7.7634E+00 | 0.00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|---------|------------|-------|
| 15.0 | 1.2881E-01 | 0.00 | 7.7634E+00 | 0.00 |
| 15.1 | 1.2799E-01 | | 7.8133E+00 | |
| 15.2 | 1.2717E-01 | | 7.8632E+00 | |
| 15.3 | 1.2637E-01 | | 7.9131E+00 | |
| 15.4 | 1.2558E-01 | | 7.9630E+00 | |
| 15.5 | 1.2480E-01 | | 8.0130E+00 | |
| 15.6 | 1.2403E-01 | | 8.0629E+00 | |
| 15.7 | 1.2326E-01 | | 8.1128E+00 | |
| 15.8 | 1.2251E-01 | | 8.1627E+00 | |
| 15.9 | 1.2176E-01 | | 8.2126E+00 | |
| 16.0 | 1.2103E-01 | 0.00 | 8.2625E+00 | 0.00 |
| 16.1 | 1.2030E-01 | | 8.3124E+00 | |
| 16.2 | 1.1958E-01 | | 8.3624E+00 | |
| 16.3 | 1.1887E-01 | | 8.4123E+00 | |
| 16.4 | 1.1817E-01 | | 8.4622E+00 | |
| 16.5 | 1.1748E-01 | | 8.5121E+00 | |
| 16.6 | 1.1679E-01 | | 8.5620E+00 | |
| 16.7 | 1.1612E-01 | | 8.6120E+00 | |
| 16.8 | 1.1545E-01 | | 8.6619E+00 | |
| 16.9 | 1.1479E-01 | | 8.7118E+00 | |
| 17.0 | 1.1413E-01 | 0.00 | 8.7617E+00 | 0.00 |
| 17.1 | 1.1349E-01 | | 8.8117E+00 | |
| 17.2 | 1.1285E-01 | | 8.8616E+00 | |
| 17.3 | 1.1221E-01 | | 8.9115E+00 | |
| 17.4 | 1.1159E-01 | | 8.9614E+00 | |
| 17.5 | 1.1097E-01 | | 9.0114E+00 | |
| 17.6 | 1.1036E-01 | | 9.0613E+00 | |
| 17.7 | 1.0975E-01 | | 9.1112E+00 | |
| 17.8 | 1.0916E-01 | | 9.1612E+00 | |
| 17.9 | 1.0856E-01 | | 9.2111E+00 | |
| 18.0 | 1.0798E-01 | 0.00 | 9.2610E+00 | 0.00 |
| 18.1 | 1.0740E-01 | | 9.3110E+00 | |
| 18.2 | 1.0683E-01 | | 9.3609E+00 | |
| 18.3 | 1.0626E-01 | | 9.4108E+00 | |
| 18.4 | 1.0570E-01 | | 9.4608E+00 | |
| 18.5 | 1.0514E-01 | | 9.5107E+00 | |
| 18.6 | 1.0460E-01 | | 9.5607E+00 | |
| 18.7 | 1.0405E-01 | | 9.6106E+00 | |
| 18.8 | 1.0351E-01 | | 9.6605E+00 | |
| 18.9 | 1.0298E-01 | | 9.7105E+00 | |
| | 1.0245E-01 | 0.00 | 9.7604E+00 | 0.00 |
| | 1.0193E-01 | | 9.8104E+00 | |
| | 1.0142E-01 | | 9.8603E+00 | |
| | 1.0091E-01 | | 9.9103E+00 | |
| | 1.0040E-01 | | 9.9602E+00 | |
| | 1.0000E-02 | | 1.0010E+01 | |
| | 1.0000E-02 | | 1.0060E+01 | |
| | 1.0000E-02 | | 1.0110E+01 | |
| | 1.0000E-02 | | 1.0160E+01 | |
| | 1.0000E-02 | | 1.0210E+01 | |
| | | 0.00 | 1.0260E+01 | 0.00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|-----|------------|-------------|------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 1.0000E+00 | 0.0000E-01 |
| 0.1 | 9.9877E-01 | -2.1635E-04 | 1.0012E+00 | 2.1688E-04 |
| 0.2 | 9.9511E-01 | -8.5695E-04 | 1.0049E+00 | 8.6540E-04 |
| 0.3 | 9.8908E-01 | -1.8971E-03 | 1.0110E+00 | 1.9392E-03 |
| 0.4 | 9.8079E-01 | -3.2976E-03 | 1.0196E+00 | 3.4280E-03 |
| 0.5 | 9.7040E-01 | -5.0077E-03 | 1.0305E+00 | 5.3177E-03 |
| 0.6 | 9.5808E-01 | -6.9680E-03 | 1.0437E+00 | 7.5907E-03 |
| 0.7 | 9.4404E-01 | -9.1150E-03 | 1.0592E+00 | 1.0227E-02 |
| 0.8 | 9.2849E-01 | -1.1384E-02 | 1.0769E+00 | 1.3203E-02 |
| 0.9 | 9.1167E-01 | -1.3712E-02 | 1.0966E+00 | 1.6494E-02 |
| 1.0 | 8.9379E-01 | -1.6042E-02 | 1.1185E+00 | 2.0075E-02 |
| 1.1 | 8.7508E-01 | -1.8323E-02 | 1.1423E+00 | 2.3917E-02 |
| 1.2 | 8.5575E-01 | -2.0513E-02 | 1.1679E+00 | 2.7995E-02 |
| 1.3 | 8.3600E-01 | -2.2578E-02 | 1.1953E+00 | 3.2281E-02 |
| 1.4 | 8.1601E-01 | -2.4492E-02 | 1.2244E+00 | 3.6748E-02 |
| 1.5 | 7.9593E-01 | -2.6238E-02 | 1.2550E+00 | 4.1372E-02 |
| 1.6 | 7.7590E-01 | -2.7806E-02 | 1.2872E+00 | 4.6128E-02 |
| 1.7 | 7.5605E-01 | -2.9192E-02 | 1.3207E+00 | 5.0993E-02 |
| 1.8 | 7.3647E-01 | -3.0397E-02 | 1.3555E+00 | 5.5947E-02 |
| 1.9 | 7.1725E-01 | -3.1427E-02 | 1.3915E+00 | 6.0971E-02 |
| 2.0 | 6.9845E-01 | -3.2289E-02 | 1.4287E+00 | 6.6048E-02 |
| 2.1 | 6.8013E-01 | -3.2995E-02 | 1.4669E+00 | 7.1161E-02 |
| 2.2 | 6.6232E-01 | -3.3555E-02 | 1.5060E+00 | 7.6299E-02 |
| 2.3 | 6.4504E-01 | -3.3983E-02 | 1.5460E+00 | 8.1449E-02 |
| 2.4 | 6.2832E-01 | -3.4291E-02 | 1.5868E+00 | 8.6602E-02 |
| 2.5 | 6.1216E-01 | -3.4491E-02 | 1.6284E+00 | 9.1749E-02 |
| 2.6 | 5.9657E-01 | -3.4596E-02 | 1.6706E+00 | 9.6883E-02 |
| 2.7 | 5.8154E-01 | -3.4617E-02 | 1.7135E+00 | 1.0200E-01 |
| 2.8 | 5.6707E-01 | -3.4565E-02 | 1.7569E+00 | 1.0709E-01 |
| 2.9 | 5.5314E-01 | -3.4450E-02 | 1.8009E+00 | 1.1216E-01 |
| 3.0 | 5.3974E-01 | -3.4280E-02 | 1.8453E+00 | 1.1720E-01 |
| 3.1 | 5.2685E-01 | -3.4064E-02 | 1.8902E+00 | 1.2221E-01 |
| 3.2 | 5.1446E-01 | -3.3809E-02 | 1.9354E+00 | 1.2719E-01 |
| 3.3 | 5.0256E-01 | -3.3521E-02 | 1.9810E+00 | 1.3213E-01 |
| 3.4 | 4.9111E-01 | -3.3206E-02 | 2.0269E+00 | 1.3705E-01 |
| 3.5 | 4.8011E-01 | -3.2870E-02 | 2.0732E+00 | 1.4194E-01 |
| 3.6 | 4.6952E-01 | -3.2516E-02 | 2.1196E+00 | 1.4679E-01 |
| 3.7 | 4.5935E-01 | -3.2148E-02 | 2.1664E+00 | 1.5162E-01 |
| 3.8 | 4.4956E-01 | -3.1770E-02 | 2.2133E+00 | 1.5641E-01 |
| 3.9 | 4.4014E-01 | -3.1384E-02 | 2.2605E+00 | 1.6118E-01 |
| 4.0 | 4.3108E-01 | -3.0994E-02 | 2.3078E+00 | 1.6593E-01 |
| 4.1 | 4.2235E-01 | -3.0600E-02 | 2.3553E+00 | 1.7065E-01 |
| 4.2 | 4.1394E-01 | -3.0206E-02 | 2.4030E+00 | 1.7535E-01 |
| 4.3 | 4.0584E-01 | -2.9811E-02 | 2.4508E+00 | 1.8002E-01 |
| 4.4 | 3.9803E-01 | -2.9418E-02 | 2.4987E+00 | 1.8468E-01 |
| 4.5 | 3.9050E-01 | -2.9028E-02 | 2.5468E+00 | 1.8932E-01 |
| 4.6 | 3.8323E-01 | -2.8641E-02 | 2.5949E+00 | 1.9393E-01 |
| 4.7 | 3.7621E-01 | -2.8259E-02 | 2.6432E+00 | 1.9854E-01 |
| 4.8 | 3.6944E-01 | -2.7881E-02 | 2.6915E+00 | 2.0312E-01 |
| 4.9 | 3.6289E-01 | -2.7509E-02 | 2.7399E+00 | 2.0770E-01 |
| 5.0 | 3.5656E-01 | -2.7142E-02 | 2.7884E+00 | 2.1226E-01 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 5.0 | 3.5656E-01 | -2.7142E-02 | 2.7884E+00 | 2.1226E-01 |
| 5.1 | 3.5044E-01 | -2.6781E-02 | 2.8370E+00 | 2.1681E-01 |
| 5.2 | 3.4452E-01 | -2.6427E-02 | 2.8856E+00 | 2.2134E-01 |
| 5.3 | 3.3879E-01 | -2.6078E-02 | 2.9343E+00 | 2.2587E-01 |
| 5.4 | 3.3324E-01 | -2.5736E-02 | 2.9830E+00 | 2.3038E-01 |
| 5.5 | 3.2787E-01 | -2.5401E-02 | 3.0318E+00 | 2.3489E-01 |
| 5.6 | 3.2266E-01 | -2.5072E-02 | 3.0807E+00 | 2.3939E-01 |
| 5.7 | 3.1760E-01 | -2.4750E-02 | 3.1296E+00 | 2.4388E-01 |
| 5.8 | 3.1270E-01 | -2.4434E-02 | 3.1785E+00 | 2.4836E-01 |
| 5.9 | 3.0795E-01 | -2.4125E-02 | 3.2275E+00 | 2.5284E-01 |
| 6.0 | 3.0334E-01 | -2.3821E-02 | 3.2765E+00 | 2.5731E-01 |
| 6.1 | 2.9885E-01 | -2.3525E-02 | 3.3255E+00 | 2.6177E-01 |
| 6.2 | 2.9450E-01 | -2.3234E-02 | 3.3746E+00 | 2.6623E-01 |
| 6.3 | 2.9027E-01 | -2.2949E-02 | 3.4237E+00 | 2.7069E-01 |
| 6.4 | 2.8616E-01 | -2.2671E-02 | 3.4728E+00 | 2.7513E-01 |
| 6.5 | 2.8215E-01 | -2.2398E-02 | 3.5220E+00 | 2.7958E-01 |
| 6.6 | 2.7826E-01 | -2.2131E-02 | 3.5711E+00 | 2.8402E-01 |
| 6.7 | 2.7447E-01 | -2.1869E-02 | 3.6203E+00 | 2.8846E-01 |
| 6.8 | 2.7079E-01 | -2.1613E-02 | 3.6696E+00 | 2.9289E-01 |
| 6.9 | 2.6719E-01 | -2.1362E-02 | 3.7188E+00 | 2.9732E-01 |
| 7.0 | 2.6370E-01 | -2.1117E-02 | 3.7681E+00 | 3.0175E-01 |
| 7.1 | 2.6029E-01 | -2.0876E-02 | 3.8174E+00 | 3.0617E-01 |
| 7.2 | 2.5696E-01 | -2.0641E-02 | 3.8667E+00 | 3.1060E-01 |
| 7.3 | 2.5372E-01 | -2.0410E-02 | 3.9160E+00 | 3.1502E-01 |
| 7.4 | 2.5056E-01 | -2.0184E-02 | 3.9653E+00 | 3.1943E-01 |
| 7.5 | 2.4748E-01 | -1.9963E-02 | 4.0147E+00 | 3.2385E-01 |
| 7.6 | 2.4447E-01 | -1.9746E-02 | 4.0640E+00 | 3.2826E-01 |
| 7.7 | 2.4153E-01 | -1.9533E-02 | 4.1134E+00 | 3.3267E-01 |
| 7.8 | 2.3866E-01 | -1.9325E-02 | 4.1628E+00 | 3.3708E-01 |
| 7.9 | 2.3586E-01 | -1.9121E-02 | 4.2122E+00 | 3.4148E-01 |
| 8.0 | 2.3312E-01 | -1.8921E-02 | 4.2616E+00 | 3.4589E-01 |
| 8.1 | 2.3044E-01 | -1.8724E-02 | 4.3110E+00 | 3.5029E-01 |
| 8.2 | 2.2783E-01 | -1.8532E-02 | 4.3605E+00 | 3.5469E-01 |
| 8.3 | 2.2527E-01 | -1.8343E-02 | 4.4099E+00 | 3.5909E-01 |
| 8.4 | 2.2277E-01 | -1.8158E-02 | 4.4594E+00 | 3.6349E-01 |
| 8.5 | 2.2032E-01 | -1.7977E-02 | 4.5088E+00 | 3.6789E-01 |
| 8.6 | 2.1793E-01 | -1.7798E-02 | 4.5583E+00 | 3.7229E-01 |
| 8.7 | 2.1558E-01 | -1.7624E-02 | 4.6078E+00 | 3.7668E-01 |
| 8.8 | 2.1329E-01 | -1.7452E-02 | 4.6573E+00 | 3.8108E-01 |
| 8.9 | 2.1104E-01 | -1.7284E-02 | 4.7068E+00 | 3.8547E-01 |
| 9.0 | 2.0884E-01 | -1.7118E-02 | 4.7563E+00 | 3.8986E-01 |
| 9.1 | 2.0669E-01 | -1.6956E-02 | 4.8058E+00 | 3.9425E-01 |
| 9.2 | 2.0458E-01 | -1.6797E-02 | 4.8554E+00 | 3.9864E-01 |
| 9.3 | 2.0251E-01 | -1.6640E-02 | 4.9049E+00 | 4.0303E-01 |
| 9.4 | 2.0048E-01 | -1.6487E-02 | 4.9544E+00 | 4.0742E-01 |
| 9.5 | 1.9850E-01 | -1.6336E-02 | 5.0040E+00 | 4.1181E-01 |
| 9.6 | 1.9655E-01 | -1.6187E-02 | 5.0535E+00 | 4.1620E-01 |
| 9.7 | 1.9464E-01 | -1.6041E-02 | 5.1031E+00 | 4.2058E-01 |
| 9.8 | 1.9276E-01 | -1.5898E-02 | 5.1526E+00 | 4.2497E-01 |
| 9.9 | 1.9093E-01 | -1.5758E-02 | 5.2022E+00 | 4.2935E-01 |
| 10.0 | 1.8912E-01 | -1.5619E-02 | 5.2518E+00 | 4.3373E-01 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 10.0 | 1.8912E-01 | -1.5619E-02 | 5.2518E+00 | 4.3373E-01 |
| 10.1 | 1.8735E-01 | -1.5483E-02 | 5.3014E+00 | 4.3812E-01 |
| 10.2 | 1.8561E-01 | -1.5349E-02 | 5.3510E+00 | 4.4250E-01 |
| 10.3 | 1.8391E-01 | -1.5218E-02 | 5.4005E+00 | 4.4688E-01 |
| 10.4 | 1.8223E-01 | -1.5089E-02 | 5.4501E+00 | 4.5126E-01 |
| 10.5 | 1.8059E-01 | -1.4961E-02 | 5.4997E+00 | 4.5564E-01 |
| 10.6 | 1.7897E-01 | -1.4836E-02 | 5.5493E+00 | 4.6002E-01 |
| 10.7 | 1.7738E-01 | -1.4713E-02 | 5.5989E+00 | 4.6440E-01 |
| 10.8 | 1.7583E-01 | -1.4592E-02 | 5.6486E+00 | 4.6878E-01 |
| 10.9 | 1.7429E-01 | -1.4473E-02 | 5.6982E+00 | 4.7316E-01 |
| 11.0 | 1.7279E-01 | -1.4356E-02 | 5.7478E+00 | 4.7754E-01 |
| 11.1 | 1.7131E-01 | -1.4240E-02 | 5.7974E+00 | 4.8192E-01 |
| 11.2 | 1.6985E-01 | -1.4126E-02 | 5.8470E+00 | 4.8630E-01 |
| 11.3 | 1.6842E-01 | -1.4015E-02 | 5.8967E+00 | 4.9067E-01 |
| 11.4 | 1.6701E-01 | -1.3904E-02 | 5.9463E+00 | 4.9505E-01 |
| 11.5 | 1.6563E-01 | -1.3796E-02 | 5.9959E+00 | 4.9943E-01 |
| 11.6 | 1.6427E-01 | -1.3689E-02 | 6.0456E+00 | 5.0380E-01 |
| 11.7 | 1.6293E-01 | -1.3584E-02 | 6.0952E+00 | 5.0818E-01 |
| 11.8 | 1.6161E-01 | -1.3480E-02 | 6.1449E+00 | 5.1255E-01 |
| 11.9 | 1.6032E-01 | -1.3378E-02 | 6.1945E+00 | 5.1693E-01 |
| 12.0 | 1.5904E-01 | -1.3278E-02 | 6.2442E+00 | 5.2130E-01 |
| 12.1 | 1.5778E-01 | -1.3179E-02 | 6.2938E+00 | 5.2567E-01 |
| 12.2 | 1.5655E-01 | -1.3081E-02 | 6.3435E+00 | 5.3005E-01 |
| 12.3 | 1.5533E-01 | -1.2985E-02 | 6.3932E+00 | 5.3442E-01 |
| 12.4 | 1.5413E-01 | -1.2890E-02 | 6.4428E+00 | 5.3879E-01 |
| 12.5 | 1.5295E-01 | -1.2796E-02 | 6.4925E+00 | 5.4317E-01 |
| 12.6 | 1.5179E-01 | -1.2704E-02 | 6.5422E+00 | 5.4754E-01 |
| 12.7 | 1.5065E-01 | -1.2613E-02 | 6.5918E+00 | 5.5191E-01 |
| 12.8 | 1.4952E-01 | -1.2524E-02 | 6.6415E+00 | 5.5628E-01 |
| 12.9 | 1.4841E-01 | -1.2435E-02 | 6.6912E+00 | 5.6066E-01 |
| 13.0 | 1.4731E-01 | -1.2348E-02 | 6.7409E+00 | 5.6503E-01 |
| 13.1 | 1.4624E-01 | -1.2262E-02 | 6.7905E+00 | 5.6940E-01 |
| 13.2 | 1.4517E-01 | -1.2177E-02 | 6.8402E+00 | 5.7377E-01 |
| 13.3 | 1.4413E-01 | -1.2094E-02 | 6.8899E+00 | 5.7814E-01 |
| 13.4 | 1.4309E-01 | -1.2011E-02 | 6.9396E+00 | 5.8251E-01 |
| 13.5 | 1.4207E-01 | -1.1930E-02 | 6.9893E+00 | 5.8688E-01 |
| 13.6 | 1.4107E-01 | -1.1850E-02 | 7.0390E+00 | 5.9125E-01 |
| 13.7 | 1.4008E-01 | -1.1770E-02 | 7.0887E+00 | 5.9562E-01 |
| 13.8 | 1.3911E-01 | -1.1692E-02 | 7.1384E+00 | 5.9999E-01 |
| 13.9 | 1.3814E-01 | -1.1615E-02 | 7.1880E+00 | 6.0436E-01 |
| 14.0 | 1.3719E-01 | -1.1539E-02 | 7.2377E+00 | 6.0873E-01 |
| 14.1 | 1.3626E-01 | -1.1463E-02 | 7.2874E+00 | 6.1310E-01 |
| 14.2 | 1.3533E-01 | -1.1389E-02 | 7.3371E+00 | 6.1747E-01 |
| 14.3 | 1.3442E-01 | -1.1316E-02 | 7.3868E+00 | 6.2184E-01 |
| 14.4 | 1.3352E-01 | -1.1244E-02 | 7.4366E+00 | 6.2620E-01 |
| 14.5 | 1.3264E-01 | -1.1172E-02 | 7.4863E+00 | 6.3057E-01 |
| 14.6 | 1.3176E-01 | -1.1102E-02 | 7.5360E+00 | 6.3494E-01 |
| 14.7 | 1.3090E-01 | -1.1032E-02 | 7.5857E+00 | 6.3931E-01 |
| 14.8 | 1.3004E-01 | -1.0963E-02 | 7.6354E+00 | 6.4368E-01 |
| 14.9 | 1.2920E-01 | -1.0895E-02 | 7.6851E+00 | 6.4804E-01 |
| 15.0 | 1.2837E-01 | -1.0828E-02 | 7.7348E+00 | 6.5241E-01 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 15.0 | 1.2837E-01 | -1.0828E-02 | 7.7348E+00 | 6.5241E-01 |
| 15.1 | 1.2755E-01 | -1.0762E-02 | 7.7845E+00 | 6.5678E-01 |
| 15.2 | 1.2674E-01 | -1.0696E-02 | 7.8342E+00 | 6.6115E-01 |
| 15.3 | 1.2594E-01 | -1.0631E-02 | 7.8840E+00 | 6.6551E-01 |
| 15.4 | 1.2515E-01 | -1.0567E-02 | 7.9337E+00 | 6.6988E-01 |
| 15.5 | 1.2437E-01 | -1.0504E-02 | 7.9834E+00 | 6.7425E-01 |
| 15.6 | 1.2360E-01 | -1.0442E-02 | 8.0331E+00 | 6.7861E-01 |
| 15.7 | 1.2284E-01 | -1.0380E-02 | 8.0828E+00 | 6.8298E-01 |
| 15.8 | 1.2209E-01 | -1.0319E-02 | 8.1326E+00 | 6.8735E-01 |
| 15.9 | 1.2135E-01 | -1.0258E-02 | 8.1823E+00 | 6.9171E-01 |
| 16.0 | 1.2061E-01 | -1.0199E-02 | 8.2320E+00 | 6.9608E-01 |
| 16.1 | 1.1989E-01 | -1.0140E-02 | 8.2817E+00 | 7.0045E-01 |
| 16.2 | 1.1917E-01 | -1.0082E-02 | 8.3315E+00 | 7.0481E-01 |
| 16.3 | 1.1847E-01 | -1.0024E-02 | 8.3812E+00 | 7.0918E-01 |
| 16.4 | 1.1777E-01 | -9.9671E-03 | 8.4309E+00 | 7.1354E-01 |
| 16.5 | 1.1708E-01 | -9.9108E-03 | 8.4807E+00 | 7.1791E-01 |
| 16.6 | 1.1639E-01 | -9.8551E-03 | 8.5304E+00 | 7.2227E-01 |
| 16.7 | 1.1572E-01 | -9.8000E-03 | 8.5801E+00 | 7.2664E-01 |
| 16.8 | 1.1505E-01 | -9.7456E-03 | 8.6299E+00 | 7.3100E-01 |
| 16.9 | 1.1439E-01 | -9.6917E-03 | 8.6796E+00 | 7.3537E-01 |
| 17.0 | 1.1374E-01 | -9.6384E-03 | 8.7293E+00 | 7.3973E-01 |
| 17.1 | 1.1309E-01 | -9.5857E-03 | 8.7791E+00 | 7.4410E-01 |
| 17.2 | 1.1246E-01 | -9.5336E-03 | 8.8288E+00 | 7.4846E-01 |
| 17.3 | 1.1183E-01 | -9.4820E-03 | 8.8785E+00 | 7.5283E-01 |
| 17.4 | 1.1120E-01 | -9.4310E-03 | 8.9283E+00 | 7.5719E-01 |
| 17.5 | 1.1059E-01 | -9.3805E-03 | 8.9780E+00 | 7.6156E-01 |
| 17.6 | 1.0998E-01 | -9.3306E-03 | 9.0278E+00 | 7.6592E-01 |
| 17.7 | 1.0937E-01 | -9.2812E-03 | 9.0775E+00 | 7.7029E-01 |
| 17.8 | 1.0878E-01 | -9.2323E-03 | 9.1273E+00 | 7.7465E-01 |
| 17.9 | 1.0819E-01 | -9.1839E-03 | 9.1770E+00 | 7.7902E-01 |
| 18.0 | 1.0760E-01 | -9.1360E-03 | 9.2267E+00 | 7.8338E-01 |
| 18.1 | 1.0703E-01 | -9.0886E-03 | 9.2765E+00 | 7.8774E-01 |
| 18.2 | 1.0646E-01 | -9.0417E-03 | 9.3262E+00 | 7.9211E-01 |
| 18.3 | 1.0589E-01 | -8.9953E-03 | 9.3760E+00 | 7.9647E-01 |
| 18.4 | 1.0533E-01 | -8.9493E-03 | 9.4257E+00 | 8.0084E-01 |
| 18.5 | 1.0478E-01 | -8.9038E-03 | 9.4755E+00 | 8.0520E-01 |
| 18.6 | 1.0423E-01 | -8.8588E-03 | 9.5252E+00 | 8.0956E-01 |
| 18.7 | 1.0369E-01 | -8.8142E-03 | 9.5750E+00 | 8.1393E-01 |
| 18.8 | 1.0315E-01 | -8.7701E-03 | 9.6247E+00 | 8.1829E-01 |
| 18.9 | 1.0262E-01 | -8.7264E-03 | 9.6745E+00 | 8.2266E-01 |
| 19.0 | 1.0210E-01 | -8.6831E-03 | 9.7242E+00 | 8.2702E-01 |
| 19.1 | 1.0158E-01 | -8.6403E-03 | 9.7740E+00 | 8.3138E-01 |
| 19.2 | 1.0106E-01 | -8.5978E-03 | 9.8237E+00 | 8.3575E-01 |
| 19.3 | 1.0055E-01 | -8.5558E-03 | 9.8735E+00 | 8.4011E-01 |
| 19.4 | 1.0005E-01 | -8.5142E-03 | 9.9232E+00 | 8.4447E-01 |
| 19.5 | 9.9550E-02 | -8.4730E-03 | 9.9730E+00 | 8.4884E-01 |
| 19.6 | 9.9055E-02 | -8.4322E-03 | 1.0023E+01 | 8.5320E-01 |
| 19.7 | 9.8566E-02 | -8.3918E-03 | 1.0073E+01 | 8.5756E-01 |
| 19.8 | 9.8081E-02 | -8.3517E-03 | 1.0122E+01 | 8.6192E-01 |
| 19.9 | 9.7601E-02 | -8.3121E-03 | 1.0172E+01 | 8.6629E-01 |
| 20.0 | 9.7126E-02 | -8.2728E-03 | 1.0222E+01 | 8.7065E-01 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|-----|------------|-------------|------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 1.0000E+00 | 0.0000E-01 |
| 0.1 | 9.9883E-01 | -4.2619E-04 | 1.0012E+00 | 4.2719E-04 |
| 0.2 | 9.9533E-01 | -1.6889E-03 | 1.0047E+00 | 1.7048E-03 |
| 0.3 | 9.8956E-01 | -3.7415E-03 | 1.0105E+00 | 3.8208E-03 |
| 0.4 | 9.8161E-01 | -6.5099E-03 | 1.0187E+00 | 6.7558E-03 |
| 0.5 | 9.7160E-01 | -9.8973E-03 | 1.0291E+00 | 1.0483E-02 |
| 0.6 | 9.5970E-01 | -1.3790E-02 | 1.0418E+00 | 1.4970E-02 |
| 0.7 | 9.4607E-01 | -1.8066E-02 | 1.0566E+00 | 2.0177E-02 |
| 0.8 | 9.3091E-01 | -2.2598E-02 | 1.0736E+00 | 2.6061E-02 |
| 0.9 | 9.1443E-01 | -2.7262E-02 | 1.0926E+00 | 3.2574E-02 |
| 1.0 | 8.9683E-01 | -3.1944E-02 | 1.1136E+00 | 3.9667E-02 |
| 1.1 | 8.7832E-01 | -3.6542E-02 | 1.1366E+00 | 4.7286E-02 |
| 1.2 | 8.5912E-01 | -4.0968E-02 | 1.1613E+00 | 5.5380E-02 |
| 1.3 | 8.3942E-01 | -4.5152E-02 | 1.1879E+00 | 6.3894E-02 |
| 1.4 | 8.1939E-01 | -4.9039E-02 | 1.2161E+00 | 7.2778E-02 |
| 1.5 | 7.9921E-01 | -5.2592E-02 | 1.2458E+00 | 8.1981E-02 |
| 1.6 | 7.7903E-01 | -5.5787E-02 | 1.2771E+00 | 9.1455E-02 |
| 1.7 | 7.5896E-01 | -5.8615E-02 | 1.3098E+00 | 1.0115E-01 |
| 1.8 | 7.3913E-01 | -6.1076E-02 | 1.3438E+00 | 1.1104E-01 |
| 1.9 | 7.1963E-01 | -6.3179E-02 | 1.3790E+00 | 1.2107E-01 |
| 2.0 | 7.0052E-01 | -6.4940E-02 | 1.4153E+00 | 1.3120E-01 |
| 2.1 | 6.8188E-01 | -6.6379E-02 | 1.4528E+00 | 1.4142E-01 |
| 2.2 | 6.6374E-01 | -6.7520E-02 | 1.4912E+00 | 1.5169E-01 |
| 2.3 | 6.4615E-01 | -6.8388E-02 | 1.5305E+00 | 1.6199E-01 |
| 2.4 | 6.2911E-01 | -6.9009E-02 | 1.5706E+00 | 1.7229E-01 |
| 2.5 | 6.1265E-01 | -6.9409E-02 | 1.6116E+00 | 1.8258E-01 |
| 2.6 | 5.9677E-01 | -6.9614E-02 | 1.6532E+00 | 1.9285E-01 |
| 2.7 | 5.8147E-01 | -6.9646E-02 | 1.6955E+00 | 2.0307E-01 |
| 2.8 | 5.6674E-01 | -6.9528E-02 | 1.7383E+00 | 2.1326E-01 |
| 2.9 | 5.5257E-01 | -6.9281E-02 | 1.7817E+00 | 2.2339E-01 |
| 3.0 | 5.3896E-01 | -6.8922E-02 | 1.8256E+00 | 2.3346E-01 |
| 3.1 | 5.2587E-01 | -6.8470E-02 | 1.8699E+00 | 2.4347E-01 |
| 3.2 | 5.1330E-01 | -6.7938E-02 | 1.9146E+00 | 2.5341E-01 |
| 3.3 | 5.0123E-01 | -6.7341E-02 | 1.9597E+00 | 2.6329E-01 |
| 3.4 | 4.8963E-01 | -6.6689E-02 | 2.0051E+00 | 2.7311E-01 |
| 3.5 | 4.7850E-01 | -6.5994E-02 | 2.0509E+00 | 2.8286E-01 |
| 3.6 | 4.6780E-01 | -6.5265E-02 | 2.0969E+00 | 2.9255E-01 |
| 3.7 | 4.5752E-01 | -6.4509E-02 | 2.1431E+00 | 3.0217E-01 |
| 3.8 | 4.4764E-01 | -6.3732E-02 | 2.1896E+00 | 3.1174E-01 |
| 3.9 | 4.3814E-01 | -6.2942E-02 | 2.2362E+00 | 3.2126E-01 |
| 4.0 | 4.2900E-01 | -6.2143E-02 | 2.2831E+00 | 3.3072E-01 |
| 4.1 | 4.2021E-01 | -6.1338E-02 | 2.3301E+00 | 3.4013E-01 |
| 4.2 | 4.1175E-01 | -6.0532E-02 | 2.3773E+00 | 3.4949E-01 |
| 4.3 | 4.0360E-01 | -5.9728E-02 | 2.4246E+00 | 3.5881E-01 |
| 4.4 | 3.9575E-01 | -5.8928E-02 | 2.4720E+00 | 3.6808E-01 |
| 4.5 | 3.8819E-01 | -5.8134E-02 | 2.5196E+00 | 3.7732E-01 |
| 4.6 | 3.8089E-01 | -5.7348E-02 | 2.5672E+00 | 3.8652E-01 |
| 4.7 | 3.7386E-01 | -5.6571E-02 | 2.6149E+00 | 3.9569E-01 |
| 4.8 | 3.6706E-01 | -5.5805E-02 | 2.6628E+00 | 4.0483E-01 |
| 4.9 | 3.6050E-01 | -5.5051E-02 | 2.7107E+00 | 4.1394E-01 |
| 5.0 | 3.5417E-01 | -5.4308E-02 | 2.7587E+00 | 4.2302E-01 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 5.0 | 3.5417E-01 | -5.4308E-02 | 2.7587E+00 | 4.2302E-01 |
| 5.1 | 3.4804E-01 | -5.3578E-02 | 2.8067E+00 | 4.3207E-01 |
| 5.2 | 3.4212E-01 | -5.2861E-02 | 2.8548E+00 | 4.4111E-01 |
| 5.3 | 3.3638E-01 | -5.2157E-02 | 2.9030E+00 | 4.5012E-01 |
| 5.4 | 3.3084E-01 | -5.1467E-02 | 2.9512E+00 | 4.5911E-01 |
| 5.5 | 3.2546E-01 | -5.0790E-02 | 2.9995E+00 | 4.6809E-01 |
| 5.6 | 3.2026E-01 | -5.0127E-02 | 3.0478E+00 | 4.7704E-01 |
| 5.7 | 3.1521E-01 | -4.9477E-02 | 3.0962E+00 | 4.8599E-01 |
| 5.8 | 3.1032E-01 | -4.8841E-02 | 3.1446E+00 | 4.9492E-01 |
| 5.9 | 3.0558E-01 | -4.8218E-02 | 3.1930E+00 | 5.0383E-01 |
| 6.0 | 3.0097E-01 | -4.7608E-02 | 3.2415E+00 | 5.1273E-01 |
| 6.1 | 2.9650E-01 | -4.7010E-02 | 3.2900E+00 | 5.2162E-01 |
| 6.2 | 2.9216E-01 | -4.6426E-02 | 3.3385E+00 | 5.3051E-01 |
| 6.3 | 2.8794E-01 | -4.5854E-02 | 3.3870E+00 | 5.3938E-01 |
| 6.4 | 2.8384E-01 | -4.5293E-02 | 3.4356E+00 | 5.4824E-01 |
| 6.5 | 2.7985E-01 | -4.4745E-02 | 3.4842E+00 | 5.5709E-01 |
| 6.6 | 2.7597E-01 | -4.4209E-02 | 3.5329E+00 | 5.6594E-01 |
| 6.7 | 2.7220E-01 | -4.3684E-02 | 3.5815E+00 | 5.7477E-01 |
| 6.8 | 2.6853E-01 | -4.3169E-02 | 3.6302E+00 | 5.8361E-01 |
| 6.9 | 2.6495E-01 | -4.2666E-02 | 3.6789E+00 | 5.9243E-01 |
| 7.0 | 2.6147E-01 | -4.2173E-02 | 3.7276E+00 | 6.0125E-01 |
| 7.1 | 2.5807E-01 | -4.1691E-02 | 3.7763E+00 | 6.1006E-01 |
| 7.2 | 2.5476E-01 | -4.1219E-02 | 3.8251E+00 | 6.1887E-01 |
| 7.3 | 2.5154E-01 | -4.0756E-02 | 3.8739E+00 | 6.2767E-01 |
| 7.4 | 2.4839E-01 | -4.0303E-02 | 3.9226E+00 | 6.3647E-01 |
| 7.5 | 2.4532E-01 | -3.9859E-02 | 3.9714E+00 | 6.4526E-01 |
| 7.6 | 2.4233E-01 | -3.9425E-02 | 4.0202E+00 | 6.5405E-01 |
| 7.7 | 2.3940E-01 | -3.8999E-02 | 4.0691E+00 | 6.6284E-01 |
| 7.8 | 2.3655E-01 | -3.8581E-02 | 4.1179E+00 | 6.7162E-01 |
| 7.9 | 2.3376E-01 | -3.8172E-02 | 4.1667E+00 | 6.8040E-01 |
| 8.0 | 2.3104E-01 | -3.7771E-02 | 4.2156E+00 | 6.8918E-01 |
| 8.1 | 2.2838E-01 | -3.7378E-02 | 4.2645E+00 | 6.9795E-01 |
| 8.2 | 2.2578E-01 | -3.6993E-02 | 4.3133E+00 | 7.0672E-01 |
| 8.3 | 2.2324E-01 | -3.6615E-02 | 4.3622E+00 | 7.1548E-01 |
| 8.4 | 2.2075E-01 | -3.6244E-02 | 4.4111E+00 | 7.2425E-01 |
| 8.5 | 2.1832E-01 | -3.5881E-02 | 4.4600E+00 | 7.3301E-01 |
| 8.6 | 2.1594E-01 | -3.5524E-02 | 4.5089E+00 | 7.4177E-01 |
| 8.7 | 2.1361E-01 | -3.5174E-02 | 4.5579E+00 | 7.5052E-01 |
| 8.8 | 2.1133E-01 | -3.4831E-02 | 4.6068E+00 | 7.5928E-01 |
| 8.9 | 2.0910E-01 | -3.4494E-02 | 4.6557E+00 | 7.6803E-01 |
| 9.0 | 2.0691E-01 | -3.4163E-02 | 4.7047E+00 | 7.7678E-01 |
| 9.1 | 2.0477E-01 | -3.3838E-02 | 4.7536E+00 | 7.8553E-01 |
| 9.2 | 2.0268E-01 | -3.3519E-02 | 4.8026E+00 | 7.9427E-01 |
| 9.3 | 2.0062E-01 | -3.3206E-02 | 4.8516E+00 | 8.0302E-01 |
| 9.4 | 1.9861E-01 | -3.2899E-02 | 4.9005E+00 | 8.1176E-01 |
| 9.5 | 1.9664E-01 | -3.2597E-02 | 4.9495E+00 | 8.2050E-01 |
| 9.6 | 1.9470E-01 | -3.2300E-02 | 4.9985E+00 | 8.2924E-01 |
| 9.7 | 1.9280E-01 | -3.2009E-02 | 5.0475E+00 | 8.3798E-01 |
| 9.8 | 1.9094E-01 | -3.1722E-02 | 5.0965E+00 | 8.4671E-01 |
| 9.9 | 1.8912E-01 | -3.1441E-02 | 5.1455E+00 | 8.5545E-01 |
| 10.0 | 1.8733E-01 | -3.1164E-02 | 5.1945E+00 | 8.6418E-01 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 10.0 | 1.8733E-01 | -3.1164E-02 | 5.1945E+00 | 8.6418E-01 |
| 10.1 | 1.8557E-01 | -3.0892E-02 | 5.2435E+00 | 8.7292E-01 |
| 10.2 | 1.8384E-01 | -3.0625E-02 | 5.2926E+00 | 8.8165E-01 |
| 10.3 | 1.8215E-01 | -3.0362E-02 | 5.3416E+00 | 8.9038E-01 |
| 10.4 | 1.8049E-01 | -3.0104E-02 | 5.3906E+00 | 8.9911E-01 |
| 10.5 | 1.7885E-01 | -2.9849E-02 | 5.4396E+00 | 9.0783E-01 |
| 10.6 | 1.7725E-01 | -2.9599E-02 | 5.4887E+00 | 9.1656E-01 |
| 10.7 | 1.7568E-01 | -2.9353E-02 | 5.5377E+00 | 9.2529E-01 |
| 10.8 | 1.7413E-01 | -2.9111E-02 | 5.5868E+00 | 9.3401E-01 |
| 10.9 | 1.7261E-01 | -2.8873E-02 | 5.6358E+00 | 9.4273E-01 |
| 11.0 | 1.7111E-01 | -2.8638E-02 | 5.6849E+00 | 9.5146E-01 |
| 11.1 | 1.6964E-01 | -2.8408E-02 | 5.7339E+00 | 9.6018E-01 |
| 11.2 | 1.6820E-01 | -2.8181E-02 | 5.7830E+00 | 9.6890E-01 |
| 11.3 | 1.6678E-01 | -2.7957E-02 | 5.8321E+00 | 9.7762E-01 |
| 11.4 | 1.6538E-01 | -2.7737E-02 | 5.8811E+00 | 9.8634E-01 |
| 11.5 | 1.6401E-01 | -2.7520E-02 | 5.9302E+00 | 9.9506E-01 |
| 11.6 | 1.6266E-01 | -2.7307E-02 | 5.9793E+00 | 1.0038E+00 |
| 11.7 | 1.6133E-01 | -2.7097E-02 | 6.0283E+00 | 1.0125E+00 |
| 11.8 | 1.6002E-01 | -2.6890E-02 | 6.0774E+00 | 1.0212E+00 |
| 11.9 | 1.5874E-01 | -2.6686E-02 | 6.1265E+00 | 1.0299E+00 |
| 12.0 | 1.5747E-01 | -2.6485E-02 | 6.1756E+00 | 1.0386E+00 |
| 12.1 | 1.5623E-01 | -2.6287E-02 | 6.2247E+00 | 1.0474E+00 |
| 12.2 | 1.5500E-01 | -2.6092E-02 | 6.2738E+00 | 1.0561E+00 |
| 12.3 | 1.5379E-01 | -2.5899E-02 | 6.3229E+00 | 1.0648E+00 |
| 12.4 | 1.5261E-01 | -2.5710E-02 | 6.3720E+00 | 1.0735E+00 |
| 12.5 | 1.5144E-01 | -2.5523E-02 | 6.4211E+00 | 1.0822E+00 |
| 12.6 | 1.5028E-01 | -2.5339E-02 | 6.4702E+00 | 1.0909E+00 |
| 12.7 | 1.4915E-01 | -2.5157E-02 | 6.5193E+00 | 1.0996E+00 |
| 12.8 | 1.4803E-01 | -2.4978E-02 | 6.5684E+00 | 1.1083E+00 |
| 12.9 | 1.4693E-01 | -2.4802E-02 | 6.6175E+00 | 1.1171E+00 |
| 13.0 | 1.4584E-01 | -2.4628E-02 | 6.6666E+00 | 1.1258E+00 |
| 13.1 | 1.4477E-01 | -2.4456E-02 | 6.7157E+00 | 1.1345E+00 |
| 13.2 | 1.4372E-01 | -2.4287E-02 | 6.7648E+00 | 1.1432E+00 |
| 13.3 | 1.4268E-01 | -2.4120E-02 | 6.8140E+00 | 1.1519E+00 |
| 13.4 | 1.4166E-01 | -2.3955E-02 | 6.8631E+00 | 1.1606E+00 |
| 13.5 | 1.4065E-01 | -2.3793E-02 | 6.9122E+00 | 1.1693E+00 |
| 13.6 | 1.3965E-01 | -2.3632E-02 | 6.9613E+00 | 1.1780E+00 |
| 13.7 | 1.3867E-01 | -2.3474E-02 | 7.0104E+00 | 1.1867E+00 |
| 13.8 | 1.3770E-01 | -2.3318E-02 | 7.0596E+00 | 1.1954E+00 |
| 13.9 | 1.3675E-01 | -2.3164E-02 | 7.1087E+00 | 1.2041E+00 |
| 14.0 | 1.3581E-01 | -2.3011E-02 | 7.1578E+00 | 1.2128E+00 |
| 14.1 | 1.3488E-01 | -2.2861E-02 | 7.2070E+00 | 1.2215E+00 |
| 14.2 | 1.3396E-01 | -2.2713E-02 | 7.2561E+00 | 1.2302E+00 |
| 14.3 | 1.3306E-01 | -2.2567E-02 | 7.3052E+00 | 1.2389E+00 |
| 14.4 | 1.3217E-01 | -2.2422E-02 | 7.3544E+00 | 1.2476E+00 |
| 14.5 | 1.3129E-01 | -2.2280E-02 | 7.4035E+00 | 1.2564E+00 |
| 14.6 | 1.3042E-01 | -2.2139E-02 | 7.4526E+00 | 1.2651E+00 |
| 14.7 | 1.2957E-01 | -2.2000E-02 | 7.5018E+00 | 1.2738E+00 |
| 14.8 | 1.2872E-01 | -2.1862E-02 | 7.5509E+00 | 1.2825E+00 |
| 14.9 | 1.2789E-01 | -2.1726E-02 | 7.6001E+00 | 1.2912E+00 |
| 15.0 | 1.2706E-01 | -2.1592E-02 | 7.6492E+00 | 1.2999E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 15.0 | 1.2706E-01 | -2.1592E-02 | 7.6492E+00 | 1.2999E+00 |
| 15.1 | 1.2625E-01 | -2.1460E-02 | 7.6984E+00 | 1.3086E+00 |
| 15.2 | 1.2545E-01 | -2.1329E-02 | 7.7475E+00 | 1.3173E+00 |
| 15.3 | 1.2465E-01 | -2.1200E-02 | 7.7967E+00 | 1.3260E+00 |
| 15.4 | 1.2387E-01 | -2.1072E-02 | 7.8458E+00 | 1.3347E+00 |
| 15.5 | 1.2310E-01 | -2.0946E-02 | 7.8950E+00 | 1.3434E+00 |
| 15.6 | 1.2234E-01 | -2.0821E-02 | 7.9441E+00 | 1.3521E+00 |
| 15.7 | 1.2158E-01 | -2.0698E-02 | 7.9933E+00 | 1.3608E+00 |
| 15.8 | 1.2084E-01 | -2.0576E-02 | 8.0424E+00 | 1.3695E+00 |
| 15.9 | 1.2010E-01 | -2.0456E-02 | 8.0916E+00 | 1.3782E+00 |
| 16.0 | 1.1937E-01 | -2.0337E-02 | 8.1407E+00 | 1.3869E+00 |
| 16.1 | 1.1866E-01 | -2.0219E-02 | 8.1899E+00 | 1.3956E+00 |
| 16.2 | 1.1795E-01 | -2.0103E-02 | 8.2391E+00 | 1.4043E+00 |
| 16.3 | 1.1725E-01 | -1.9988E-02 | 8.2882E+00 | 1.4130E+00 |
| 16.4 | 1.1655E-01 | -1.9874E-02 | 8.3374E+00 | 1.4217E+00 |
| 16.5 | 1.1587E-01 | -1.9762E-02 | 8.3866E+00 | 1.4304E+00 |
| 16.6 | 1.1519E-01 | -1.9651E-02 | 8.4357E+00 | 1.4391E+00 |
| 16.7 | 1.1452E-01 | -1.9541E-02 | 8.4849E+00 | 1.4478E+00 |
| 16.8 | 1.1386E-01 | -1.9432E-02 | 8.5340E+00 | 1.4564E+00 |
| 16.9 | 1.1321E-01 | -1.9324E-02 | 8.5832E+00 | 1.4651E+00 |
| 17.0 | 1.1256E-01 | -1.9218E-02 | 8.6324E+00 | 1.4738E+00 |
| 17.1 | 1.1192E-01 | -1.9113E-02 | 8.6816E+00 | 1.4825E+00 |
| 17.2 | 1.1129E-01 | -1.9009E-02 | 8.7307E+00 | 1.4912E+00 |
| 17.3 | 1.1067E-01 | -1.8906E-02 | 8.7799E+00 | 1.4999E+00 |
| 17.4 | 1.1005E-01 | -1.8804E-02 | 8.8291E+00 | 1.5086E+00 |
| 17.5 | 1.0944E-01 | -1.8703E-02 | 8.8782E+00 | 1.5173E+00 |
| 17.6 | 1.0883E-01 | -1.8604E-02 | 8.9274E+00 | 1.5260E+00 |
| 17.7 | 1.0824E-01 | -1.8505E-02 | 8.9766E+00 | 1.5347E+00 |
| 17.8 | 1.0765E-01 | -1.8408E-02 | 9.0258E+00 | 1.5434E+00 |
| 17.9 | 1.0706E-01 | -1.8311E-02 | 9.0749E+00 | 1.5521E+00 |
| 18.0 | 1.0648E-01 | -1.8215E-02 | 9.1241E+00 | 1.5608E+00 |
| 18.1 | 1.0591E-01 | -1.8121E-02 | 9.1733E+00 | 1.5695E+00 |
| 18.2 | 1.0535E-01 | -1.8027E-02 | 9.2225E+00 | 1.5782E+00 |
| 18.3 | 1.0479E-01 | -1.7935E-02 | 9.2716E+00 | 1.5869E+00 |
| 18.4 | 1.0423E-01 | -1.7843E-02 | 9.3208E+00 | 1.5956E+00 |
| 18.5 | 1.0368E-01 | -1.7752E-02 | 9.3700E+00 | 1.6043E+00 |
| 18.6 | 1.0314E-01 | -1.7662E-02 | 9.4192E+00 | 1.6130E+00 |
| 18.7 | 1.0261E-01 | -1.7573E-02 | 9.4684E+00 | 1.6217E+00 |
| 18.8 | 1.0207E-01 | -1.7485E-02 | 9.5175E+00 | 1.6304E+00 |
| 18.9 | 1.0155E-01 | -1.7398E-02 | 9.5667E+00 | 1.6391E+00 |
| 19.0 | 1.0103E-01 | -1.7312E-02 | 9.6159E+00 | 1.6477E+00 |
| 19.1 | 1.0051E-01 | -1.7226E-02 | 9.6651E+00 | 1.6564E+00 |
| 19.2 | 1.0000E-01 | -1.7142E-02 | 9.7143E+00 | 1.6651E+00 |
| 19.3 | 9.9498E-02 | -1.7058E-02 | 9.7635E+00 | 1.6738E+00 |
| 19.4 | 9.8999E-02 | -1.6975E-02 | 9.8127E+00 | 1.6825E+00 |
| 19.5 | 9.8504E-02 | -1.6893E-02 | 9.8618E+00 | 1.6912E+00 |
| 19.6 | 9.8014E-02 | -1.6811E-02 | 9.9110E+00 | 1.6999E+00 |
| 19.7 | 9.7529E-02 | -1.6730E-02 | 9.9602E+00 | 1.7086E+00 |
| 19.8 | 9.7049E-02 | -1.6651E-02 | 1.0009E+01 | 1.7173E+00 |
| 19.9 | 9.6574E-02 | -1.6571E-02 | 1.0059E+01 | 1.7260E+00 |
| 20.0 | 9.6103E-02 | -1.6493E-02 | 1.0108E+01 | 1.7347E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|-----|------------|-------------|------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 1.0000E+00 | 0.0000E-01 |
| 0.1 | 9.9892E-01 | -6.2320E-04 | 1.0011E+00 | 6.2455E-04 |
| 0.2 | 9.9569E-01 | -2.4714E-03 | 1.0043E+00 | 2.4928E-03 |
| 0.3 | 9.9034E-01 | -5.4814E-03 | 1.0097E+00 | 5.5887E-03 |
| 0.4 | 9.8295E-01 | -9.5524E-03 | 1.0173E+00 | 9.8859E-03 |
| 0.5 | 9.7359E-01 | -1.4551E-02 | 1.0269E+00 | 1.5348E-02 |
| 0.6 | 9.6237E-01 | -2.0320E-02 | 1.0386E+00 | 2.1930E-02 |
| 0.7 | 9.4944E-01 | -2.6685E-02 | 1.0524E+00 | 2.9579E-02 |
| 0.8 | 9.3494E-01 | -3.3464E-02 | 1.0682E+00 | 3.8235E-02 |
| 0.9 | 9.1904E-01 | -4.0478E-02 | 1.0860E+00 | 4.7831E-02 |
| 1.0 | 9.0193E-01 | -4.7555E-02 | 1.1057E+00 | 5.8297E-02 |
| 1.1 | 8.8379E-01 | -5.4539E-02 | 1.1272E+00 | 6.9559E-02 |
| 1.2 | 8.6482E-01 | -6.1294E-02 | 1.1505E+00 | 8.1543E-02 |
| 1.3 | 8.4522E-01 | -6.7706E-02 | 1.1756E+00 | 9.4170E-02 |
| 1.4 | 8.2516E-01 | -7.3688E-02 | 1.2023E+00 | 1.0737E-01 |
| 1.5 | 8.0482E-01 | -7.9173E-02 | 1.2306E+00 | 1.2106E-01 |
| 1.6 | 7.8437E-01 | -8.4120E-02 | 1.2604E+00 | 1.3517E-01 |
| 1.7 | 7.6395E-01 | -8.8506E-02 | 1.2917E+00 | 1.4964E-01 |
| 1.8 | 7.4369E-01 | -9.2329E-02 | 1.3242E+00 | 1.6440E-01 |
| 1.9 | 7.2370E-01 | -9.5596E-02 | 1.3581E+00 | 1.7940E-01 |
| 2.0 | 7.0407E-01 | -9.8331E-02 | 1.3931E+00 | 1.9457E-01 |
| 2.1 | 6.8487E-01 | -1.0056E-01 | 1.4293E+00 | 2.0987E-01 |
| 2.2 | 6.6618E-01 | -1.0233E-01 | 1.4665E+00 | 2.2526E-01 |
| 2.3 | 6.4803E-01 | -1.0366E-01 | 1.5046E+00 | 2.4069E-01 |
| 2.4 | 6.3044E-01 | -1.0461E-01 | 1.5437E+00 | 2.5614E-01 |
| 2.5 | 6.1346E-01 | -1.0521E-01 | 1.5835E+00 | 2.7157E-01 |
| 2.6 | 5.9708E-01 | -1.0550E-01 | 1.6241E+00 | 2.8697E-01 |
| 2.7 | 5.8130E-01 | -1.0552E-01 | 1.6654E+00 | 3.0231E-01 |
| 2.8 | 5.6613E-01 | -1.0531E-01 | 1.7073E+00 | 3.1758E-01 |
| 2.9 | 5.5156E-01 | -1.0489E-01 | 1.7498E+00 | 3.3276E-01 |
| 3.0 | 5.3756E-01 | -1.0430E-01 | 1.7927E+00 | 3.4785E-01 |
| 3.1 | 5.2414E-01 | -1.0357E-01 | 1.8362E+00 | 3.6284E-01 |
| 3.2 | 5.1126E-01 | -1.0272E-01 | 1.8801E+00 | 3.7773E-01 |
| 3.3 | 4.9891E-01 | -1.0177E-01 | 1.9243E+00 | 3.9252E-01 |
| 3.4 | 4.8706E-01 | -1.0073E-01 | 1.9689E+00 | 4.0720E-01 |
| 3.5 | 4.7570E-01 | -9.9631E-02 | 2.0138E+00 | 4.2178E-01 |
| 3.6 | 4.6480E-01 | -9.8481E-02 | 2.0590E+00 | 4.3626E-01 |
| 3.7 | 4.5435E-01 | -9.7292E-02 | 2.1045E+00 | 4.5064E-01 |
| 3.8 | 4.4432E-01 | -9.6076E-02 | 2.1501E+00 | 4.6493E-01 |
| 3.9 | 4.3468E-01 | -9.4841E-02 | 2.1960E+00 | 4.7913E-01 |
| 4.0 | 4.2543E-01 | -9.3594E-02 | 2.2420E+00 | 4.9324E-01 |
| 4.1 | 4.1654E-01 | -9.2343E-02 | 2.2883E+00 | 5.0728E-01 |
| 4.2 | 4.0800E-01 | -9.1093E-02 | 2.3346E+00 | 5.2124E-01 |
| 4.3 | 3.9978E-01 | -8.9847E-02 | 2.3811E+00 | 5.3513E-01 |
| 4.4 | 3.9187E-01 | -8.8610E-02 | 2.4277E+00 | 5.4896E-01 |
| 4.5 | 3.8426E-01 | -8.7386E-02 | 2.4745E+00 | 5.6273E-01 |
| 4.6 | 3.7692E-01 | -8.6176E-02 | 2.5213E+00 | 5.7644E-01 |
| 4.7 | 3.6985E-01 | -8.4982E-02 | 2.5682E+00 | 5.9010E-01 |
| 4.8 | 3.6304E-01 | -8.3806E-02 | 2.6152E+00 | 6.0371E-01 |
| 4.9 | 3.5646E-01 | -8.2649E-02 | 2.6622E+00 | 6.1727E-01 |
| 5.0 | 3.5011E-01 | -8.1512E-02 | 2.7094E+00 | 6.3080E-01 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 5.0 | 3.5011E-01 | -8.1512E-02 | 2.7094E+00 | 6.3080E-01 |
| 5.1 | 3.4398E-01 | -8.0396E-02 | 2.7566E+00 | 6.4429E-01 |
| 5.2 | 3.3805E-01 | -7.9302E-02 | 2.8038E+00 | 6.5774E-01 |
| 5.3 | 3.3232E-01 | -7.8229E-02 | 2.8511E+00 | 6.7116E-01 |
| 5.4 | 3.2678E-01 | -7.7177E-02 | 2.8985E+00 | 6.8455E-01 |
| 5.5 | 3.2142E-01 | -7.6147E-02 | 2.9459E+00 | 6.9792E-01 |
| 5.6 | 3.1622E-01 | -7.5139E-02 | 2.9933E+00 | 7.1126E-01 |
| 5.7 | 3.1119E-01 | -7.4152E-02 | 3.0408E+00 | 7.2457E-01 |
| 5.8 | 3.0631E-01 | -7.3186E-02 | 3.0883E+00 | 7.3787E-01 |
| 5.9 | 3.0159E-01 | -7.2241E-02 | 3.1359E+00 | 7.5115E-01 |
| 6.0 | 2.9700E-01 | -7.1316E-02 | 3.1834E+00 | 7.6441E-01 |
| 6.1 | 2.9255E-01 | -7.0411E-02 | 3.2310E+00 | 7.7765E-01 |
| 6.2 | 2.8823E-01 | -6.9526E-02 | 3.2787E+00 | 7.9088E-01 |
| 6.3 | 2.8403E-01 | -6.8661E-02 | 3.3263E+00 | 8.0409E-01 |
| 6.4 | 2.7996E-01 | -6.7814E-02 | 3.3740E+00 | 8.1729E-01 |
| 6.5 | 2.7599E-01 | -6.6986E-02 | 3.4217E+00 | 8.3048E-01 |
| 6.6 | 2.7214E-01 | -6.6175E-02 | 3.4694E+00 | 8.4365E-01 |
| 6.7 | 2.6839E-01 | -6.5383E-02 | 3.5172E+00 | 8.5682E-01 |
| 6.8 | 2.6474E-01 | -6.4607E-02 | 3.5649E+00 | 8.6998E-01 |
| 6.9 | 2.6119E-01 | -6.3848E-02 | 3.6127E+00 | 8.8312E-01 |
| 7.0 | 2.5773E-01 | -6.3105E-02 | 3.6605E+00 | 8.9626E-01 |
| 7.1 | 2.5437E-01 | -6.2378E-02 | 3.7083E+00 | 9.0939E-01 |
| 7.2 | 2.5108E-01 | -6.1666E-02 | 3.7562E+00 | 9.2251E-01 |
| 7.3 | 2.4788E-01 | -6.0969E-02 | 3.8040E+00 | 9.3563E-01 |
| 7.4 | 2.4477E-01 | -6.0287E-02 | 3.8519E+00 | 9.4874E-01 |
| 7.5 | 2.4172E-01 | -5.9619E-02 | 3.8997E+00 | 9.6184E-01 |
| 7.6 | 2.3875E-01 | -5.8965E-02 | 3.9476E+00 | 9.7494E-01 |
| 7.7 | 2.3586E-01 | -5.8324E-02 | 3.9955E+00 | 9.8803E-01 |
| 7.8 | 2.3303E-01 | -5.7696E-02 | 4.0434E+00 | 1.0011E+00 |
| 7.9 | 2.3027E-01 | -5.7081E-02 | 4.0913E+00 | 1.0142E+00 |
| 8.0 | 2.2757E-01 | -5.6478E-02 | 4.1393E+00 | 1.0273E+00 |
| 8.1 | 2.2494E-01 | -5.5887E-02 | 4.1872E+00 | 1.0403E+00 |
| 8.2 | 2.2236E-01 | -5.5308E-02 | 4.2352E+00 | 1.0534E+00 |
| 8.3 | 2.1984E-01 | -5.4740E-02 | 4.2831E+00 | 1.0665E+00 |
| 8.4 | 2.1738E-01 | -5.4183E-02 | 4.3311E+00 | 1.0795E+00 |
| 8.5 | 2.1498E-01 | -5.3637E-02 | 4.3791E+00 | 1.0926E+00 |
| 8.6 | 2.1262E-01 | -5.3102E-02 | 4.4271E+00 | 1.1056E+00 |
| 8.7 | 2.1032E-01 | -5.2576E-02 | 4.4750E+00 | 1.1187E+00 |
| 8.8 | 2.0806E-01 | -5.2061E-02 | 4.5230E+00 | 1.1317E+00 |
| 8.9 | 2.0586E-01 | -5.1555E-02 | 4.5711E+00 | 1.1448E+00 |
| 9.0 | 2.0370E-01 | -5.1058E-02 | 4.6191E+00 | 1.1578E+00 |
| 9.1 | 2.0158E-01 | -5.0571E-02 | 4.6671E+00 | 1.1709E+00 |
| 9.2 | 1.9951E-01 | -5.0093E-02 | 4.7151E+00 | 1.1839E+00 |
| 9.3 | 1.9748E-01 | -4.9623E-02 | 4.7632E+00 | 1.1969E+00 |
| 9.4 | 1.9548E-01 | -4.9162E-02 | 4.8112E+00 | 1.2100E+00 |
| 9.5 | 1.9353E-01 | -4.8709E-02 | 4.8592E+00 | 1.2230E+00 |
| 9.6 | 1.9162E-01 | -4.8264E-02 | 4.9073E+00 | 1.2360E+00 |
| 9.7 | 1.8975E-01 | -4.7827E-02 | 4.9554E+00 | 1.2490E+00 |
| 9.8 | 1.8791E-01 | -4.7397E-02 | 5.0034E+00 | 1.2620E+00 |
| 9.9 | 1.8610E-01 | -4.6975E-02 | 5.0515E+00 | 1.2751E+00 |
| 10.0 | 1.8433E-01 | -4.6561E-02 | 5.0996E+00 | 1.2881E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 10.0 | 1.8433E-01 | -4.6561E-02 | 5.0996E+00 | 1.2881E+00 |
| 10.1 | 1.8260E-01 | -4.6153E-02 | 5.1476E+00 | 1.3011E+00 |
| 10.2 | 1.8089E-01 | -4.5752E-02 | 5.1957E+00 | 1.3141E+00 |
| 10.3 | 1.7922E-01 | -4.5358E-02 | 5.2438E+00 | 1.3271E+00 |
| 10.4 | 1.7758E-01 | -4.4971E-02 | 5.2919E+00 | 1.3401E+00 |
| 10.5 | 1.7597E-01 | -4.4589E-02 | 5.3400E+00 | 1.3531E+00 |
| 10.6 | 1.7438E-01 | -4.4215E-02 | 5.3881E+00 | 1.3661E+00 |
| 10.7 | 1.7283E-01 | -4.3846E-02 | 5.4362E+00 | 1.3791E+00 |
| 10.8 | 1.7130E-01 | -4.3483E-02 | 5.4843E+00 | 1.3922E+00 |
| 10.9 | 1.6980E-01 | -4.3126E-02 | 5.5324E+00 | 1.4052E+00 |
| 11.0 | 1.6832E-01 | -4.2775E-02 | 5.5805E+00 | 1.4182E+00 |
| 11.1 | 1.6687E-01 | -4.2430E-02 | 5.6287E+00 | 1.4312E+00 |
| 11.2 | 1.6545E-01 | -4.2089E-02 | 5.6768E+00 | 1.4442E+00 |
| 11.3 | 1.6405E-01 | -4.1755E-02 | 5.7249E+00 | 1.4571E+00 |
| 11.4 | 1.6267E-01 | -4.1425E-02 | 5.7730E+00 | 1.4701E+00 |
| 11.5 | 1.6131E-01 | -4.1100E-02 | 5.8212E+00 | 1.4831E+00 |
| 11.6 | 1.5998E-01 | -4.0781E-02 | 5.8693E+00 | 1.4961E+00 |
| 11.7 | 1.5867E-01 | -4.0466E-02 | 5.9175E+00 | 1.5091E+00 |
| 11.8 | 1.5738E-01 | -4.0156E-02 | 5.9656E+00 | 1.5221E+00 |
| 11.9 | 1.5611E-01 | -3.9851E-02 | 6.0137E+00 | 1.5351E+00 |
| 12.0 | 1.5486E-01 | -3.9550E-02 | 6.0619E+00 | 1.5481E+00 |
| 12.1 | 1.5364E-01 | -3.9253E-02 | 6.1100E+00 | 1.5611E+00 |
| 12.2 | 1.5243E-01 | -3.8961E-02 | 6.1582E+00 | 1.5741E+00 |
| 12.3 | 1.5124E-01 | -3.8673E-02 | 6.2063E+00 | 1.5871E+00 |
| 12.4 | 1.5006E-01 | -3.8390E-02 | 6.2545E+00 | 1.6000E+00 |
| 12.5 | 1.4891E-01 | -3.8110E-02 | 6.3027E+00 | 1.6130E+00 |
| 12.6 | 1.4777E-01 | -3.7835E-02 | 6.3508E+00 | 1.6260E+00 |
| 12.7 | 1.4665E-01 | -3.7563E-02 | 6.3990E+00 | 1.6390E+00 |
| 12.8 | 1.4555E-01 | -3.7295E-02 | 6.4472E+00 | 1.6520E+00 |
| 12.9 | 1.4446E-01 | -3.7031E-02 | 6.4953E+00 | 1.6650E+00 |
| 13.0 | 1.4339E-01 | -3.6770E-02 | 6.5435E+00 | 1.6779E+00 |
| 13.1 | 1.4234E-01 | -3.6514E-02 | 6.5917E+00 | 1.6909E+00 |
| 13.2 | 1.4130E-01 | -3.6260E-02 | 6.6398E+00 | 1.7039E+00 |
| 13.3 | 1.4028E-01 | -3.6010E-02 | 6.6880E+00 | 1.7169E+00 |
| 13.4 | 1.3927E-01 | -3.5764E-02 | 6.7362E+00 | 1.7299E+00 |
| 13.5 | 1.3827E-01 | -3.5521E-02 | 6.7844E+00 | 1.7428E+00 |
| 13.6 | 1.3729E-01 | -3.5281E-02 | 6.8326E+00 | 1.7558E+00 |
| 13.7 | 1.3632E-01 | -3.5044E-02 | 6.8808E+00 | 1.7688E+00 |
| 13.8 | 1.3537E-01 | -3.4810E-02 | 6.9289E+00 | 1.7818E+00 |
| 13.9 | 1.3443E-01 | -3.4580E-02 | 6.9771E+00 | 1.7947E+00 |
| 14.0 | 1.3350E-01 | -3.4352E-02 | 7.0253E+00 | 1.8077E+00 |
| 14.1 | 1.3259E-01 | -3.4128E-02 | 7.0735E+00 | 1.8207E+00 |
| 14.2 | 1.3169E-01 | -3.3906E-02 | 7.1217E+00 | 1.8337E+00 |
| 14.3 | 1.3080E-01 | -3.3687E-02 | 7.1699E+00 | 1.8466E+00 |
| 14.4 | 1.2992E-01 | -3.3471E-02 | 7.2181E+00 | 1.8596E+00 |
| 14.5 | 1.2905E-01 | -3.3257E-02 | 7.2663E+00 | 1.8726E+00 |
| 14.6 | 1.2820E-01 | -3.3047E-02 | 7.3145E+00 | 1.8855E+00 |
| 14.7 | 1.2735E-01 | -3.2839E-02 | 7.3627E+00 | 1.8985E+00 |
| 14.8 | 1.2652E-01 | -3.2633E-02 | 7.4109E+00 | 1.9115E+00 |
| 14.9 | 1.2570E-01 | -3.2430E-02 | 7.4591E+00 | 1.9245E+00 |
| 15.0 | 1.2489E-01 | -3.2230E-02 | 7.5073E+00 | 1.9374E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 15.0 | 1.2489E-01 | -3.2230E-02 | 7.5073E+00 | 1.9374E+00 |
| 15.1 | 1.2409E-01 | -3.2032E-02 | 7.5555E+00 | 1.9504E+00 |
| 15.2 | 1.2329E-01 | -3.1836E-02 | 7.6037E+00 | 1.9634E+00 |
| 15.3 | 1.2251E-01 | -3.1643E-02 | 7.6519E+00 | 1.9763E+00 |
| 15.4 | 1.2174E-01 | -3.1452E-02 | 7.7001E+00 | 1.9893E+00 |
| 15.5 | 1.2098E-01 | -3.1263E-02 | 7.7483E+00 | 2.0023E+00 |
| 15.6 | 1.2023E-01 | -3.1077E-02 | 7.7965E+00 | 2.0152E+00 |
| 15.7 | 1.1949E-01 | -3.0892E-02 | 7.8448E+00 | 2.0282E+00 |
| 15.8 | 1.1875E-01 | -3.0710E-02 | 7.8930E+00 | 2.0412E+00 |
| 15.9 | 1.1803E-01 | -3.0530E-02 | 7.9412E+00 | 2.0541E+00 |
| 16.0 | 1.1731E-01 | -3.0352E-02 | 7.9894E+00 | 2.0671E+00 |
| 16.1 | 1.1661E-01 | -3.0177E-02 | 8.0376E+00 | 2.0801E+00 |
| 16.2 | 1.1591E-01 | -3.0003E-02 | 8.0858E+00 | 2.0930E+00 |
| 16.3 | 1.1522E-01 | -2.9831E-02 | 8.1341E+00 | 2.1060E+00 |
| 16.4 | 1.1453E-01 | -2.9661E-02 | 8.1823E+00 | 2.1190E+00 |
| 16.5 | 1.1386E-01 | -2.9493E-02 | 8.2305E+00 | 2.1319E+00 |
| 16.6 | 1.1319E-01 | -2.9327E-02 | 8.2787E+00 | 2.1449E+00 |
| 16.7 | 1.1253E-01 | -2.9162E-02 | 8.3269E+00 | 2.1579E+00 |
| 16.8 | 1.1188E-01 | -2.9000E-02 | 8.3752E+00 | 2.1708E+00 |
| 16.9 | 1.1124E-01 | -2.8839E-02 | 8.4234E+00 | 2.1838E+00 |
| 17.0 | 1.1060E-01 | -2.8680E-02 | 8.4716E+00 | 2.1967E+00 |
| 17.1 | 1.0998E-01 | -2.8523E-02 | 8.5199E+00 | 2.2097E+00 |
| 17.2 | 1.0935E-01 | -2.8368E-02 | 8.5681E+00 | 2.2227E+00 |
| 17.3 | 1.0874E-01 | -2.8214E-02 | 8.6163E+00 | 2.2356E+00 |
| 17.4 | 1.0813E-01 | -2.8062E-02 | 8.6645E+00 | 2.2486E+00 |
| 17.5 | 1.0753E-01 | -2.7911E-02 | 8.7128E+00 | 2.2616E+00 |
| 17.6 | 1.0693E-01 | -2.7762E-02 | 8.7610E+00 | 2.2745E+00 |
| 17.7 | 1.0635E-01 | -2.7615E-02 | 8.8092E+00 | 2.2875E+00 |
| 17.8 | 1.0577E-01 | -2.7469E-02 | 8.8575E+00 | 2.3004E+00 |
| 17.9 | 1.0519E-01 | -2.7325E-02 | 8.9057E+00 | 2.3134E+00 |
| 18.0 | 1.0462E-01 | -2.7182E-02 | 8.9539E+00 | 2.3264E+00 |
| 18.1 | 1.0406E-01 | -2.7041E-02 | 9.0022E+00 | 2.3393E+00 |
| 18.2 | 1.0350E-01 | -2.6901E-02 | 9.0504E+00 | 2.3523E+00 |
| 18.3 | 1.0295E-01 | -2.6762E-02 | 9.0986E+00 | 2.3652E+00 |
| 18.4 | 1.0240E-01 | -2.6625E-02 | 9.1469E+00 | 2.3782E+00 |
| 18.5 | 1.0186E-01 | -2.6490E-02 | 9.1951E+00 | 2.3911E+00 |
| 18.6 | 1.0133E-01 | -2.6355E-02 | 9.2433E+00 | 2.4041E+00 |
| 18.7 | 1.0080E-01 | -2.6222E-02 | 9.2916E+00 | 2.4111E+00 |
| 18.8 | 1.0028E-01 | -2.6091E-02 | 9.3398E+00 | 2.4300E+00 |
| 18.9 | 9.9763E-02 | -2.5960E-02 | 9.3881E+00 | 2.4430E+00 |
| 19.0 | 9.9251E-02 | -2.5831E-02 | 9.4363E+00 | 2.4559E+00 |
| 19.1 | 9.8744E-02 | -2.5704E-02 | 9.4845E+00 | 2.4689E+00 |
| 19.2 | 9.8242E-02 | -2.5577E-02 | 9.5328E+00 | 2.4819E+00 |
| 19.3 | 9.7745E-02 | -2.5452E-02 | 9.5810E+00 | 2.4948E+00 |
| 19.4 | 9.7254E-02 | -2.5328E-02 | 9.6293E+00 | 2.5078E+00 |
| 19.5 | 9.6767E-02 | -2.5205E-02 | 9.6775E+00 | 2.5207E+00 |
| 19.6 | 9.6285E-02 | -2.5083E-02 | 9.7258E+00 | 2.5337E+00 |
| 19.7 | 9.5808E-02 | -2.4963E-02 | 9.7740E+00 | 2.5466E+00 |
| 19.8 | 9.5336E-02 | -2.4844E-02 | 9.8223E+00 | 2.5596E+00 |
| 19.9 | 9.4868E-02 | -2.4725E-02 | 9.8705E+00 | 2.5725E+00 |
| 20.0 | 9.4405E-02 | -2.4608E-02 | 9.9187E+00 | 2.5855E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|-----|------------|-------------|------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 1.0000E+00 | 0.0000E-01 |
| 0.1 | 9.9904E-01 | -8.0144E-04 | 1.0010E+00 | 8.0297E-04 |
| 0.2 | 9.9618E-01 | -3.1813E-03 | 1.0038E+00 | 3.2057E-03 |
| 0.3 | 9.9141E-01 | -7.0674E-03 | 1.0086E+00 | 7.1900E-03 |
| 0.4 | 9.8478E-01 | -1.2343E-02 | 1.0153E+00 | 1.2726E-02 |
| 0.5 | 9.7631E-01 | -1.8852E-02 | 1.0239E+00 | 1.9771E-02 |
| 0.6 | 9.6607E-01 | -2.6407E-02 | 1.0343E+00 | 2.8274E-02 |
| 0.7 | 9.5413E-01 | -3.4796E-02 | 1.0467E+00 | 3.8172E-02 |
| 0.8 | 9.4058E-01 | -4.3794E-02 | 1.0609E+00 | 4.9395E-02 |
| 0.9 | 9.2555E-01 | -5.3169E-02 | 1.0769E+00 | 6.1863E-02 |
| 1.0 | 9.0916E-01 | -6.2698E-02 | 1.0947E+00 | 7.5493E-02 |
| 1.1 | 8.9159E-01 | -7.2168E-02 | 1.1143E+00 | 9.0194E-02 |
| 1.2 | 8.7300E-01 | -8.1390E-02 | 1.1356E+00 | 1.0587E-01 |
| 1.3 | 8.5357E-01 | -9.0200E-02 | 1.1586E+00 | 1.2243E-01 |
| 1.4 | 8.3350E-01 | -9.8465E-02 | 1.1832E+00 | 1.3978E-01 |
| 1.5 | 8.1297E-01 | -1.0608E-01 | 1.2095E+00 | 1.5782E-01 |
| 1.6 | 7.9215E-01 | -1.1298E-01 | 1.2372E+00 | 1.7645E-01 |
| 1.7 | 7.7123E-01 | -1.1911E-01 | 1.2664E+00 | 1.9559E-01 |
| 1.8 | 7.5034E-01 | -1.2447E-01 | 1.2970E+00 | 2.1515E-01 |
| 1.9 | 7.2964E-01 | -1.2905E-01 | 1.3290E+00 | 2.3505E-01 |
| 2.0 | 7.0924E-01 | -1.3289E-01 | 1.3621E+00 | 2.5522E-01 |
| 2.1 | 6.8923E-01 | -1.3601E-01 | 1.3965E+00 | 2.7558E-01 |
| 2.2 | 6.6970E-01 | -1.3846E-01 | 1.4320E+00 | 2.9607E-01 |
| 2.3 | 6.5072E-01 | -1.4031E-01 | 1.4685E+00 | 3.1663E-01 |
| 2.4 | 6.3233E-01 | -1.4160E-01 | 1.5059E+00 | 3.3723E-01 |
| 2.5 | 6.1456E-01 | -1.4239E-01 | 1.5443E+00 | 3.5781E-01 |
| 2.6 | 5.9743E-01 | -1.4275E-01 | 1.5834E+00 | 3.7835E-01 |
| 2.7 | 5.8096E-01 | -1.4272E-01 | 1.6233E+00 | 3.9880E-01 |
| 2.8 | 5.6514E-01 | -1.4236E-01 | 1.6639E+00 | 4.1916E-01 |
| 2.9 | 5.4996E-01 | -1.4172E-01 | 1.7051E+00 | 4.3939E-01 |
| 3.0 | 5.3542E-01 | -1.4084E-01 | 1.7468E+00 | 4.5949E-01 |
| 3.1 | 5.2149E-01 | -1.3975E-01 | 1.7891E+00 | 4.7945E-01 |
| 3.2 | 5.0816E-01 | -1.3850E-01 | 1.8318E+00 | 4.9926E-01 |
| 3.3 | 4.9541E-01 | -1.3711E-01 | 1.8749E+00 | 5.1891E-01 |
| 3.4 | 4.8321E-01 | -1.3562E-01 | 1.9184E+00 | 5.3842E-01 |
| 3.5 | 4.7153E-01 | -1.3404E-01 | 1.9622E+00 | 5.5777E-01 |
| 3.6 | 4.6036E-01 | -1.3239E-01 | 2.0063E+00 | 5.7698E-01 |
| 3.7 | 4.4967E-01 | -1.3070E-01 | 2.0506E+00 | 5.9605E-01 |
| 3.8 | 4.3942E-01 | -1.2898E-01 | 2.0952E+00 | 6.1498E-01 |
| 3.9 | 4.2961E-01 | -1.2723E-01 | 2.1400E+00 | 6.3378E-01 |
| 4.0 | 4.2021E-01 | -1.2548E-01 | 2.1849E+00 | 6.5246E-01 |
| 4.1 | 4.1119E-01 | -1.2373E-01 | 2.2301E+00 | 6.7103E-01 |
| 4.2 | 4.0254E-01 | -1.2198E-01 | 2.2753E+00 | 6.8949E-01 |
| 4.3 | 3.9423E-01 | -1.2024E-01 | 2.3207E+00 | 7.0785E-01 |
| 4.4 | 3.8625E-01 | -1.1853E-01 | 2.3662E+00 | 7.2611E-01 |
| 4.5 | 3.7857E-01 | -1.1683E-01 | 2.4118E+00 | 7.4430E-01 |
| 4.6 | 3.7119E-01 | -1.1516E-01 | 2.4575E+00 | 7.6240E-01 |
| 4.7 | 3.6409E-01 | -1.1351E-01 | 2.5033E+00 | 7.8043E-01 |
| 4.8 | 3.5725E-01 | -1.1189E-01 | 2.5491E+00 | 7.9840E-01 |
| 4.9 | 3.5066E-01 | -1.1030E-01 | 2.5950E+00 | 8.1630E-01 |
| 5.0 | 3.4430E-01 | -1.0875E-01 | 2.6410E+00 | 8.3415E-01 |

AD-A102 444

GOULD INC. GLEN BURNIE MD CHESAPEAKE INSTRUMENT DIV
TABLE OF THE MODIFIED BESSEL FUNCTIONS OF ORDERS ZERO AND ONE T--ETC(U)
JUN 81 O LINDEMANN
78243-630-004

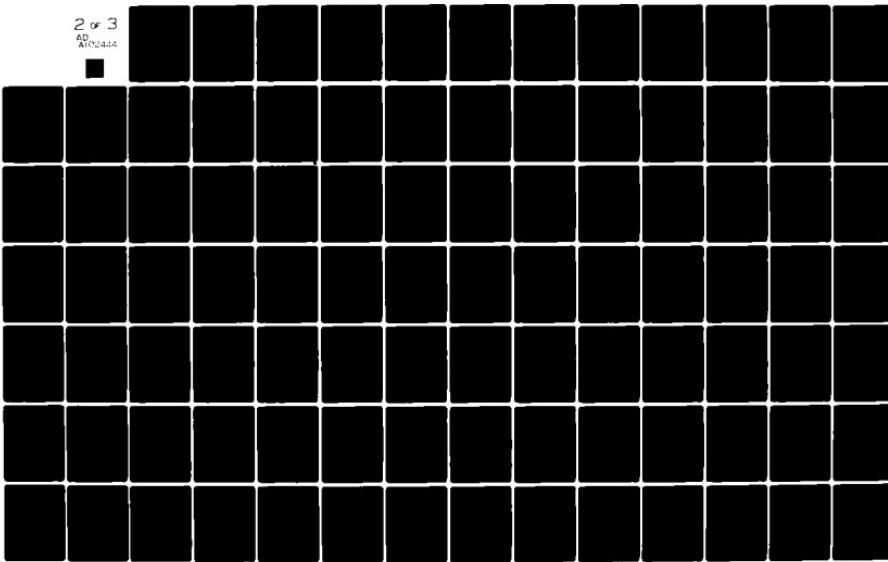
F/G 12/1

N00014-78-C-0572

NL

UNCLASSIFIED

2 or 3
AD
A102444



| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 5.0 | 3.4430E-01 | -1.0875E-01 | 2.6410E+00 | 8.3415E-01 |
| 5.1 | 3.3817E-01 | -1.0722E-01 | 2.6870E+00 | 8.5195E-01 |
| 5.2 | 3.3225E-01 | -1.0573E-01 | 2.7331E+00 | 8.6971E-01 |
| 5.3 | 3.2653E-01 | -1.0426E-01 | 2.7792E+00 | 8.8742E-01 |
| 5.4 | 3.2100E-01 | -1.0283E-01 | 2.8253E+00 | 9.0509E-01 |
| 5.5 | 3.1565E-01 | -1.0143E-01 | 2.8715E+00 | 9.2273E-01 |
| 5.6 | 3.1048E-01 | -1.0006E-01 | 2.9177E+00 | 9.4033E-01 |
| 5.7 | 3.0548E-01 | -9.8725E-02 | 2.9640E+00 | 9.5791E-01 |
| 5.8 | 3.0063E-01 | -9.7417E-02 | 3.0103E+00 | 9.7546E-01 |
| 5.9 | 2.9593E-01 | -9.6139E-02 | 3.0566E+00 | 9.9298E-01 |
| 6.0 | 2.9138E-01 | -9.4889E-02 | 3.1029E+00 | 1.0105E+00 |
| 6.1 | 2.8696E-01 | -9.3668E-02 | 3.1493E+00 | 1.0280E+00 |
| 6.2 | 2.8267E-01 | -9.2474E-02 | 3.1956E+00 | 1.0454E+00 |
| 6.3 | 2.7851E-01 | -9.1308E-02 | 3.2420E+00 | 1.0629E+00 |
| 6.4 | 2.7447E-01 | -9.0167E-02 | 3.2885E+00 | 1.0803E+00 |
| 6.5 | 2.7055E-01 | -8.9052E-02 | 3.3349E+00 | 1.0977E+00 |
| 6.6 | 2.6673E-01 | -8.7962E-02 | 3.3814E+00 | 1.1151E+00 |
| 6.7 | 2.6302E-01 | -8.6897E-02 | 3.4278E+00 | 1.1325E+00 |
| 6.8 | 2.5941E-01 | -8.5854E-02 | 3.4743E+00 | 1.1499E+00 |
| 6.9 | 2.5590E-01 | -8.4835E-02 | 3.5208E+00 | 1.1672E+00 |
| 7.0 | 2.5248E-01 | -8.3838E-02 | 3.5674E+00 | 1.1846E+00 |
| 7.1 | 2.4915E-01 | -8.2863E-02 | 3.6139E+00 | 1.2019E+00 |
| 7.2 | 2.4591E-01 | -8.1909E-02 | 3.6604E+00 | 1.2192E+00 |
| 7.3 | 2.4275E-01 | -8.0975E-02 | 3.7070E+00 | 1.2366E+00 |
| 7.4 | 2.3967E-01 | -8.0061E-02 | 3.7536E+00 | 1.2539E+00 |
| 7.5 | 2.3666E-01 | -7.9166E-02 | 3.8002E+00 | 1.2712E+00 |
| 7.6 | 2.3373E-01 | -7.8290E-02 | 3.8468E+00 | 1.2885E+00 |
| 7.7 | 2.3088E-01 | -7.7432E-02 | 3.8934E+00 | 1.3058E+00 |
| 7.8 | 2.2809E-01 | -7.6592E-02 | 3.9400E+00 | 1.3231E+00 |
| 7.9 | 2.2536E-01 | -7.5770E-02 | 3.9866E+00 | 1.3404E+00 |
| 8.0 | 2.2270E-01 | -7.4964E-02 | 4.0333E+00 | 1.3576E+00 |
| 8.1 | 2.2011E-01 | -7.4174E-02 | 4.0799E+00 | 1.3749E+00 |
| 8.2 | 2.1757E-01 | -7.3400E-02 | 4.1266E+00 | 1.3922E+00 |
| 8.3 | 2.1509E-01 | -7.2641E-02 | 4.1733E+00 | 1.4094E+00 |
| 8.4 | 2.1266E-01 | -7.1897E-02 | 4.2199E+00 | 1.4267E+00 |
| 8.5 | 2.1029E-01 | -7.1168E-02 | 4.2666E+00 | 1.4439E+00 |
| 8.6 | 2.0797E-01 | -7.0453E-02 | 4.3133E+00 | 1.4612E+00 |
| 8.7 | 2.0571E-01 | -6.9752E-02 | 4.3600E+00 | 1.4784E+00 |
| 8.8 | 2.0349E-01 | -6.9064E-02 | 4.4067E+00 | 1.4956E+00 |
| 8.9 | 2.0131E-01 | -6.8389E-02 | 4.4534E+00 | 1.5129E+00 |
| 9.0 | 1.9919E-01 | -6.7726E-02 | 4.5001E+00 | 1.5301E+00 |
| 9.1 | 1.9711E-01 | -6.7076E-02 | 4.5469E+00 | 1.5473E+00 |
| 9.2 | 1.9507E-01 | -6.6438E-02 | 4.5936E+00 | 1.5645E+00 |
| 9.3 | 1.9307E-01 | -6.5812E-02 | 4.6403E+00 | 1.5818E+00 |
| 9.4 | 1.9111E-01 | -6.5197E-02 | 4.6871E+00 | 1.5990E+00 |
| 9.5 | 1.8919E-01 | -6.4593E-02 | 4.7338E+00 | 1.6162E+00 |
| 9.6 | 1.8731E-01 | -6.4000E-02 | 4.7806E+00 | 1.6334E+00 |
| 9.7 | 1.8547E-01 | -6.3417E-02 | 4.8273E+00 | 1.6506E+00 |
| 9.8 | 1.8366E-01 | -6.2845E-02 | 4.8741E+00 | 1.6678E+00 |
| 9.9 | 1.8189E-01 | -6.2283E-02 | 4.9209E+00 | 1.6850E+00 |
| 10.0 | 1.8015E-01 | -6.1730E-02 | 4.9676E+00 | 1.7022E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 10.0 | 1.8015E-01 | -6.1730E-02 | 4.9676E+00 | 1.7022E+00 |
| 10.1 | 1.7844E-01 | -6.1187E-02 | 5.0144E+00 | 1.7194E+00 |
| 10.2 | 1.7677E-01 | -6.0654E-02 | 5.0612E+00 | 1.7366E+00 |
| 10.3 | 1.7513E-01 | -6.0129E-02 | 5.1080E+00 | 1.7538E+00 |
| 10.4 | 1.7351E-01 | -5.9613E-02 | 5.1548E+00 | 1.7710E+00 |
| 10.5 | 1.7193E-01 | -5.9105E-02 | 5.2016E+00 | 1.7882E+00 |
| 10.6 | 1.7038E-01 | -5.8607E-02 | 5.2484E+00 | 1.8054E+00 |
| 10.7 | 1.6885E-01 | -5.8116E-02 | 5.2952E+00 | 1.8225E+00 |
| 10.8 | 1.6735E-01 | -5.7633E-02 | 5.3420E+00 | 1.8397E+00 |
| 10.9 | 1.6587E-01 | -5.7158E-02 | 5.3888E+00 | 1.8569E+00 |
| 11.0 | 1.6443E-01 | -5.6691E-02 | 5.4356E+00 | 1.8741E+00 |
| 11.1 | 1.6300E-01 | -5.6231E-02 | 5.4824E+00 | 1.8913E+00 |
| 11.2 | 1.6160E-01 | -5.5778E-02 | 5.5292E+00 | 1.9084E+00 |
| 11.3 | 1.6023E-01 | -5.5333E-02 | 5.5761E+00 | 1.9256E+00 |
| 11.4 | 1.5888E-01 | -5.4894E-02 | 5.6229E+00 | 1.9428E+00 |
| 11.5 | 1.5755E-01 | -5.4463E-02 | 5.6697E+00 | 1.9600E+00 |
| 11.6 | 1.5624E-01 | -5.4038E-02 | 5.7166E+00 | 1.9771E+00 |
| 11.7 | 1.5496E-01 | -5.3619E-02 | 5.7634E+00 | 1.9943E+00 |
| 11.8 | 1.5369E-01 | -5.3207E-02 | 5.8102E+00 | 2.0115E+00 |
| 11.9 | 1.5245E-01 | -5.2801E-02 | 5.8571E+00 | 2.0286E+00 |
| 12.0 | 1.5122E-01 | -5.2401E-02 | 5.9039E+00 | 2.0458E+00 |
| 12.1 | 1.5002E-01 | -5.2006E-02 | 5.9508E+00 | 2.0630E+00 |
| 12.2 | 1.4883E-01 | -5.1618E-02 | 5.9976E+00 | 2.0801E+00 |
| 12.3 | 1.4766E-01 | -5.1236E-02 | 6.0445E+00 | 2.0973E+00 |
| 12.4 | 1.4651E-01 | -5.0859E-02 | 6.0913E+00 | 2.1144E+00 |
| 12.5 | 1.4538E-01 | -5.0487E-02 | 6.1382E+00 | 2.1316E+00 |
| 12.6 | 1.4427E-01 | -5.0121E-02 | 6.1850E+00 | 2.1488E+00 |
| 12.7 | 1.4317E-01 | -4.9760E-02 | 6.2319E+00 | 2.1659E+00 |
| 12.8 | 1.4209E-01 | -4.9404E-02 | 6.2787E+00 | 2.1831E+00 |
| 12.9 | 1.4103E-01 | -4.9053E-02 | 6.3256E+00 | 2.2002E+00 |
| 13.0 | 1.3998E-01 | -4.8707E-02 | 6.3725E+00 | 2.2174E+00 |
| 13.1 | 1.3894E-01 | -4.8365E-02 | 6.4193E+00 | 2.2345E+00 |
| 13.2 | 1.3793E-01 | -4.8029E-02 | 6.4662E+00 | 2.2517E+00 |
| 13.3 | 1.3692E-01 | -4.7697E-02 | 6.5131E+00 | 2.2688E+00 |
| 13.4 | 1.3593E-01 | -4.7369E-02 | 6.5599E+00 | 2.2860E+00 |
| 13.5 | 1.3496E-01 | -4.7046E-02 | 6.6068E+00 | 2.3031E+00 |
| 13.6 | 1.3400E-01 | -4.6728E-02 | 6.6537E+00 | 2.3203E+00 |
| 13.7 | 1.3305E-01 | -4.6413E-02 | 6.7006E+00 | 2.3374E+00 |
| 13.8 | 1.3212E-01 | -4.6103E-02 | 6.7474E+00 | 2.3546E+00 |
| 13.9 | 1.3120E-01 | -4.5797E-02 | 6.7943E+00 | 2.3717E+00 |
| 14.0 | 1.3029E-01 | -4.5494E-02 | 6.8412E+00 | 2.3889E+00 |
| 14.1 | 1.2939E-01 | -4.5196E-02 | 6.8881E+00 | 2.4060E+00 |
| 14.2 | 1.2851E-01 | -4.4902E-02 | 6.9350E+00 | 2.4231E+00 |
| 14.3 | 1.2764E-01 | -4.4611E-02 | 6.9819E+00 | 2.4403E+00 |
| 14.4 | 1.2678E-01 | -4.4324E-02 | 7.0288E+00 | 2.4574E+00 |
| 14.5 | 1.2593E-01 | -4.4041E-02 | 7.0756E+00 | 2.4746E+00 |
| 14.6 | 1.2509E-01 | -4.3761E-02 | 7.1225E+00 | 2.4917E+00 |
| 14.7 | 1.2426E-01 | -4.3485E-02 | 7.1694E+00 | 2.5089E+00 |
| 14.8 | 1.2345E-01 | -4.3212E-02 | 7.2163E+00 | 2.5260E+00 |
| 14.9 | 1.2264E-01 | -4.2942E-02 | 7.2632E+00 | 2.5431E+00 |
| 15.0 | 1.2185E-01 | -4.2676E-02 | 7.3101E+00 | 2.5603E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 15.0 | 1.2185E-01 | -4.2676E-02 | 7.3101E+00 | 2.5603E+00 |
| 15.1 | 1.2107E-01 | -4.2413E-02 | 7.3570E+00 | 2.5774E+00 |
| 15.2 | 1.2029E-01 | -4.2154E-02 | 7.4039E+00 | 2.5945E+00 |
| 15.3 | 1.1953E-01 | -4.1897E-02 | 7.4508E+00 | 2.6117E+00 |
| 15.4 | 1.1877E-01 | -4.1644E-02 | 7.4977E+00 | 2.6288E+00 |
| 15.5 | 1.1803E-01 | -4.1393E-02 | 7.5446E+00 | 2.6460E+00 |
| 15.6 | 1.1729E-01 | -4.1146E-02 | 7.5915E+00 | 2.6631E+00 |
| 15.7 | 1.1657E-01 | -4.0901E-02 | 7.6384E+00 | 2.6802E+00 |
| 15.8 | 1.1585E-01 | -4.0660E-02 | 7.6853E+00 | 2.6974E+00 |
| 15.9 | 1.1514E-01 | -4.0421E-02 | 7.7322E+00 | 2.7145E+00 |
| 16.0 | 1.1444E-01 | -4.0185E-02 | 7.7791E+00 | 2.7316E+00 |
| 16.1 | 1.1375E-01 | -3.9951E-02 | 7.8261E+00 | 2.7488E+00 |
| 16.2 | 1.1306E-01 | -3.9721E-02 | 7.8730E+00 | 2.7659E+00 |
| 16.3 | 1.1239E-01 | -3.9492E-02 | 7.9199E+00 | 2.7830E+00 |
| 16.4 | 1.1172E-01 | -3.9267E-02 | 7.9668E+00 | 2.8002E+00 |
| 16.5 | 1.1106E-01 | -3.9044E-02 | 8.0137E+00 | 2.8173E+00 |
| 16.6 | 1.1041E-01 | -3.8824E-02 | 8.0606E+00 | 2.8344E+00 |
| 16.7 | 1.0976E-01 | -3.8606E-02 | 8.1075E+00 | 2.8515E+00 |
| 16.8 | 1.0913E-01 | -3.8390E-02 | 8.1544E+00 | 2.8687E+00 |
| 16.9 | 1.0850E-01 | -3.8177E-02 | 8.2014E+00 | 2.8858E+00 |
| 17.0 | 1.0788E-01 | -3.7966E-02 | 8.2483E+00 | 2.9029E+00 |
| 17.1 | 1.0726E-01 | -3.7758E-02 | 8.2952E+00 | 2.9201E+00 |
| 17.2 | 1.0665E-01 | -3.7551E-02 | 8.3421E+00 | 2.9372E+00 |
| 17.3 | 1.0605E-01 | -3.7347E-02 | 8.3890E+00 | 2.9543E+00 |
| 17.4 | 1.0546E-01 | -3.7146E-02 | 8.4360E+00 | 2.9714E+00 |
| 17.5 | 1.0487E-01 | -3.6946E-02 | 8.4829E+00 | 2.9886E+00 |
| 17.6 | 1.0429E-01 | -3.6748E-02 | 8.5298E+00 | 3.0057E+00 |
| 17.7 | 1.0371E-01 | -3.6553E-02 | 8.5767E+00 | 3.0228E+00 |
| 17.8 | 1.0314E-01 | -3.6359E-02 | 8.6236E+00 | 3.0400E+00 |
| 17.9 | 1.0258E-01 | -3.6168E-02 | 8.6706E+00 | 3.0571E+00 |
| 18.0 | 1.0202E-01 | -3.5979E-02 | 8.7175E+00 | 3.0742E+00 |
| 18.1 | 1.0147E-01 | -3.5791E-02 | 8.7644E+00 | 3.0913E+00 |
| 18.2 | 1.0093E-01 | -3.5606E-02 | 8.8113E+00 | 3.1085E+00 |
| 18.3 | 1.0039E-01 | -3.5422E-02 | 8.8583E+00 | 3.1256E+00 |
| 18.4 | 9.9857E-02 | -3.5240E-02 | 8.9052E+00 | 3.1427E+00 |
| 18.5 | 9.9330E-02 | -3.5061E-02 | 8.9521E+00 | 3.1598E+00 |
| 18.6 | 9.8808E-02 | -3.4882E-02 | 8.9990E+00 | 3.1770E+00 |
| 18.7 | 9.8292E-02 | -3.4706E-02 | 9.0460E+00 | 3.1941E+00 |
| 18.8 | 9.7781E-02 | -3.4532E-02 | 9.0929E+00 | 3.2112E+00 |
| 18.9 | 9.7275E-02 | -3.4359E-02 | 9.1398E+00 | 3.2283E+00 |
| 19.0 | 9.6774E-02 | -3.4188E-02 | 9.1868E+00 | 3.2454E+00 |
| 19.1 | 9.6279E-02 | -3.4019E-02 | 9.2337E+00 | 3.2626E+00 |
| 19.2 | 9.5789E-02 | -3.3851E-02 | 9.2806E+00 | 3.2797E+00 |
| 19.3 | 9.5303E-02 | -3.3685E-02 | 9.3276E+00 | 3.2968E+00 |
| 19.4 | 9.4823E-02 | -3.3520E-02 | 9.3745E+00 | 3.3139E+00 |
| 19.5 | 9.4347E-02 | -3.3358E-02 | 9.4214E+00 | 3.3311E+00 |
| 19.6 | 9.3876E-02 | -3.3196E-02 | 9.4684E+00 | 3.3482E+00 |
| 19.7 | 9.3410E-02 | -3.3036E-02 | 9.5153E+00 | 3.3653E+00 |
| 19.8 | 9.2948E-02 | -3.2878E-02 | 9.5622E+00 | 3.3824E+00 |
| 19.9 | 9.2491E-02 | -3.2722E-02 | 9.6092E+00 | 3.3995E+00 |
| 20.0 | 9.2038E-02 | -3.2566E-02 | 9.6561E+00 | 3.4167E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|-----|------------|-------------|------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 1.0000E+00 | 0.0000E-01 |
| 0.1 | 9.9920E-01 | -9.5551E-04 | 1.0008E+00 | 9.5704E-04 |
| 0.2 | 9.9678E-01 | -3.7975E-03 | 1.0032E+00 | 3.8220E-03 |
| 0.3 | 9.9274E-01 | -8.4531E-03 | 1.0072E+00 | 8.5766E-03 |
| 0.4 | 9.8706E-01 | -1.4803E-02 | 1.0129E+00 | 1.5190E-02 |
| 0.5 | 9.7973E-01 | -2.2685E-02 | 1.0201E+00 | 2.3621E-02 |
| 0.6 | 9.7074E-01 | -3.1900E-02 | 1.0290E+00 | 3.3815E-02 |
| 0.7 | 9.6009E-01 | -4.2214E-02 | 1.0396E+00 | 4.5708E-02 |
| 0.8 | 9.4782E-01 | -5.3375E-02 | 1.0517E+00 | 5.9226E-02 |
| 0.9 | 9.3396E-01 | -6.5113E-02 | 1.0655E+00 | 7.4286E-02 |
| 1.0 | 9.1860E-01 | -7.7155E-02 | 1.0810E+00 | 9.0795E-02 |
| 1.1 | 9.0184E-01 | -8.9237E-02 | 1.0981E+00 | 1.0866E-01 |
| 1.2 | 8.8383E-01 | -1.0111E-01 | 1.1168E+00 | 1.2776E-01 |
| 1.3 | 8.6473E-01 | -1.1255E-01 | 1.1372E+00 | 1.4801E-01 |
| 1.4 | 8.4471E-01 | -1.2336E-01 | 1.1591E+00 | 1.6928E-01 |
| 1.5 | 8.2397E-01 | -1.3339E-01 | 1.1826E+00 | 1.9146E-01 |
| 1.6 | 8.0271E-01 | -1.4253E-01 | 1.2077E+00 | 2.1444E-01 |
| 1.7 | 7.8113E-01 | -1.5069E-01 | 1.2343E+00 | 2.3811E-01 |
| 1.8 | 7.5942E-01 | -1.5784E-01 | 1.2623E+00 | 2.6236E-01 |
| 1.9 | 7.3775E-01 | -1.6397E-01 | 1.2917E+00 | 2.8708E-01 |
| 2.0 | 7.1628E-01 | -1.6909E-01 | 1.3224E+00 | 3.1218E-01 |
| 2.1 | 6.9514E-01 | -1.7325E-01 | 1.3544E+00 | 3.3756E-01 |
| 2.2 | 6.7446E-01 | -1.7651E-01 | 1.3876E+00 | 3.6315E-01 |
| 2.3 | 6.5431E-01 | -1.7893E-01 | 1.4220E+00 | 3.8885E-01 |
| 2.4 | 6.3478E-01 | -1.8059E-01 | 1.4574E+00 | 4.1461E-01 |
| 2.5 | 6.1591E-01 | -1.8157E-01 | 1.4938E+00 | 4.4037E-01 |
| 2.6 | 5.9775E-01 | -1.8196E-01 | 1.5311E+00 | 4.6607E-01 |
| 2.7 | 5.8030E-01 | -1.8182E-01 | 1.5692E+00 | 4.9167E-01 |
| 2.8 | 5.6357E-01 | -1.8123E-01 | 1.6081E+00 | 5.1713E-01 |
| 2.9 | 5.4757E-01 | -1.8027E-01 | 1.6477E+00 | 5.4243E-01 |
| 3.0 | 5.3228E-01 | -1.7898E-01 | 1.6879E+00 | 5.6754E-01 |
| 3.1 | 5.1768E-01 | -1.7743E-01 | 1.7286E+00 | 5.9246E-01 |
| 3.2 | 5.0375E-01 | -1.7566E-01 | 1.7699E+00 | 6.1717E-01 |
| 3.3 | 4.9047E-01 | -1.7372E-01 | 1.8116E+00 | 6.4166E-01 |
| 3.4 | 4.7780E-01 | -1.7165E-01 | 1.8537E+00 | 6.6594E-01 |
| 3.5 | 4.6572E-01 | -1.6948E-01 | 1.8961E+00 | 6.9001E-01 |
| 3.6 | 4.5419E-01 | -1.6723E-01 | 1.9389E+00 | 7.1387E-01 |
| 3.7 | 4.4320E-01 | -1.6493E-01 | 1.9819E+00 | 7.3753E-01 |
| 3.8 | 4.3270E-01 | -1.6260E-01 | 2.0251E+00 | 7.6100E-01 |
| 3.9 | 4.2267E-01 | -1.6025E-01 | 2.0686E+00 | 7.8429E-01 |
| 4.0 | 4.1308E-01 | -1.5791E-01 | 2.1122E+00 | 8.0741E-01 |
| 4.1 | 4.0391E-01 | -1.5557E-01 | 2.1559E+00 | 8.3037E-01 |
| 4.2 | 3.9514E-01 | -1.5325E-01 | 2.1998E+00 | 8.5319E-01 |
| 4.3 | 3.8674E-01 | -1.5096E-01 | 2.2439E+00 | 8.7587E-01 |
| 4.4 | 3.7868E-01 | -1.4870E-01 | 2.2880E+00 | 8.9842E-01 |
| 4.5 | 3.7095E-01 | -1.4647E-01 | 2.3322E+00 | 9.2087E-01 |
| 4.6 | 3.6353E-01 | -1.4429E-01 | 2.3764E+00 | 9.4320E-01 |
| 4.7 | 3.5640E-01 | -1.4214E-01 | 2.4208E+00 | 9.6545E-01 |
| 4.8 | 3.4955E-01 | -1.4004E-01 | 2.4652E+00 | 9.8761E-01 |
| 4.9 | 3.4296E-01 | -1.3798E-01 | 2.5096E+00 | 1.0097E+00 |
| 5.0 | 3.3661E-01 | -1.3597E-01 | 2.5541E+00 | 1.0317E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 5.0 | 3.3661E-01 | -1.3597E-01 | 2.5541E+00 | 1.0317E+00 |
| 5.1 | 3.3049E-01 | -1.3400E-01 | 2.5986E+00 | 1.0536E+00 |
| 5.2 | 3.2459E-01 | -1.3208E-01 | 2.6432E+00 | 1.0755E+00 |
| 5.3 | 3.1890E-01 | -1.3020E-01 | 2.6877E+00 | 1.0974E+00 |
| 5.4 | 3.1341E-01 | -1.2837E-01 | 2.7324E+00 | 1.1192E+00 |
| 5.5 | 3.0810E-01 | -1.2658E-01 | 2.7770E+00 | 1.1409E+00 |
| 5.6 | 3.0297E-01 | -1.2483E-01 | 2.8217E+00 | 1.1626E+00 |
| 5.7 | 2.9800E-01 | -1.2313E-01 | 2.8664E+00 | 1.1843E+00 |
| 5.8 | 2.9320E-01 | -1.2146E-01 | 2.9111E+00 | 1.2059E+00 |
| 5.9 | 2.8855E-01 | -1.1984E-01 | 2.9558E+00 | 1.2275E+00 |
| 6.0 | 2.8405E-01 | -1.1825E-01 | 3.0005E+00 | 1.2491E+00 |
| 6.1 | 2.7968E-01 | -1.1670E-01 | 3.0453E+00 | 1.2707E+00 |
| 6.2 | 2.7544E-01 | -1.1519E-01 | 3.0901E+00 | 1.2923E+00 |
| 6.3 | 2.7134E-01 | -1.1371E-01 | 3.1349E+00 | 1.3138E+00 |
| 6.4 | 2.6735E-01 | -1.1227E-01 | 3.1797E+00 | 1.3353E+00 |
| 6.5 | 2.6348E-01 | -1.1086E-01 | 3.2245E+00 | 1.3568E+00 |
| 6.6 | 2.5971E-01 | -1.0949E-01 | 3.2694E+00 | 1.3782E+00 |
| 6.7 | 2.5606E-01 | -1.0814E-01 | 3.3142E+00 | 1.3997E+00 |
| 6.8 | 2.5250E-01 | -1.0683E-01 | 3.3591E+00 | 1.4212E+00 |
| 6.9 | 2.4904E-01 | -1.0554E-01 | 3.4040E+00 | 1.4426E+00 |
| 7.0 | 2.4568E-01 | -1.0429E-01 | 3.4489E+00 | 1.4640E+00 |
| 7.1 | 2.4240E-01 | -1.0306E-01 | 3.4938E+00 | 1.4854E+00 |
| 7.2 | 2.3921E-01 | -1.0186E-01 | 3.5387E+00 | 1.5068E+00 |
| 7.3 | 2.3611E-01 | -1.0069E-01 | 3.5836E+00 | 1.5282E+00 |
| 7.4 | 2.3308E-01 | -9.9538E-02 | 3.6286E+00 | 1.5496E+00 |
| 7.5 | 2.3013E-01 | -9.8415E-02 | 3.6735E+00 | 1.5710E+00 |
| 7.6 | 2.2725E-01 | -9.7315E-02 | 3.7185E+00 | 1.5923E+00 |
| 7.7 | 2.2445E-01 | -9.6239E-02 | 3.7635E+00 | 1.6137E+00 |
| 7.8 | 2.2171E-01 | -9.5185E-02 | 3.8084E+00 | 1.6351E+00 |
| 7.9 | 2.1904E-01 | -9.4153E-02 | 3.8534E+00 | 1.6564E+00 |
| 8.0 | 2.1643E-01 | -9.3143E-02 | 3.8984E+00 | 1.6777E+00 |
| 8.1 | 2.1388E-01 | -9.2153E-02 | 3.9434E+00 | 1.6991E+00 |
| 8.2 | 2.1139E-01 | -9.1183E-02 | 3.9885E+00 | 1.7204E+00 |
| 8.3 | 2.0896E-01 | -9.0233E-02 | 4.0335E+00 | 1.7417E+00 |
| 8.4 | 2.0659E-01 | -8.9301E-02 | 4.0785E+00 | 1.7630E+00 |
| 8.5 | 2.0426E-01 | -8.8388E-02 | 4.1235E+00 | 1.7843E+00 |
| 8.6 | 2.0199E-01 | -8.7493E-02 | 4.1686E+00 | 1.8056E+00 |
| 8.7 | 1.9977E-01 | -8.6616E-02 | 4.2136E+00 | 1.8269E+00 |
| 8.8 | 1.9760E-01 | -8.5755E-02 | 4.2587E+00 | 1.8482E+00 |
| 8.9 | 1.9547E-01 | -8.4911E-02 | 4.3037E+00 | 1.8695E+00 |
| 9.0 | 1.9339E-01 | -8.4083E-02 | 4.3488E+00 | 1.8908E+00 |
| 9.1 | 1.9135E-01 | -8.3270E-02 | 4.3939E+00 | 1.9121E+00 |
| 9.2 | 1.8936E-01 | -8.2473E-02 | 4.4390E+00 | 1.9334E+00 |
| 9.3 | 1.8740E-01 | -8.1690E-02 | 4.4841E+00 | 1.9546E+00 |
| 9.4 | 1.8549E-01 | -8.0922E-02 | 4.5291E+00 | 1.9759E+00 |
| 9.5 | 1.8361E-01 | -8.0168E-02 | 4.5742E+00 | 1.9972E+00 |
| 9.6 | 1.8178E-01 | -7.9427E-02 | 4.6193E+00 | 2.0184E+00 |
| 9.7 | 1.7997E-01 | -7.8700E-02 | 4.6644E+00 | 2.0397E+00 |
| 9.8 | 1.7821E-01 | -7.7985E-02 | 4.7096E+00 | 2.0609E+00 |
| 9.9 | 1.7648E-01 | -7.7283E-02 | 4.7547E+00 | 2.0822E+00 |
| 10.0 | 1.7478E-01 | -7.6594E-02 | 4.7998E+00 | 2.1034E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 10.0 | 1.7478E-01 | -7.6594E-02 | 4.7998E+00 | 2.1034E+00 |
| 10.1 | 1.7311E-01 | -7.5916E-02 | 4.8449E+00 | 2.1247E+00 |
| 10.2 | 1.7148E-01 | -7.5250E-02 | 4.8900E+00 | 2.1459E+00 |
| 10.3 | 1.6987E-01 | -7.4595E-02 | 4.9352E+00 | 2.1672E+00 |
| 10.4 | 1.6830E-01 | -7.3952E-02 | 4.9803E+00 | 2.1884E+00 |
| 10.5 | 1.6675E-01 | -7.3319E-02 | 5.0254E+00 | 2.2097E+00 |
| 10.6 | 1.6523E-01 | -7.2697E-02 | 5.0706E+00 | 2.2309E+00 |
| 10.7 | 1.6374E-01 | -7.2085E-02 | 5.1157E+00 | 2.2521E+00 |
| 10.8 | 1.6228E-01 | -7.1483E-02 | 5.1609E+00 | 2.2733E+00 |
| 10.9 | 1.6084E-01 | -7.0891E-02 | 5.2060E+00 | 2.2946E+00 |
| 11.0 | 1.5943E-01 | -7.0308E-02 | 5.2512E+00 | 2.3158E+00 |
| 11.1 | 1.5804E-01 | -6.9735E-02 | 5.2963E+00 | 2.3370E+00 |
| 11.2 | 1.5667E-01 | -6.9171E-02 | 5.3415E+00 | 2.3582E+00 |
| 11.3 | 1.5533E-01 | -6.8616E-02 | 5.3867E+00 | 2.3795E+00 |
| 11.4 | 1.5402E-01 | -6.8070E-02 | 5.4318E+00 | 2.4007E+00 |
| 11.5 | 1.5272E-01 | -6.7532E-02 | 5.4770E+00 | 2.4219E+00 |
| 11.6 | 1.5145E-01 | -6.7002E-02 | 5.5222E+00 | 2.4431E+00 |
| 11.7 | 1.5019E-01 | -6.6481E-02 | 5.5673E+00 | 2.4643E+00 |
| 11.8 | 1.4896E-01 | -6.5967E-02 | 5.6125E+00 | 2.4855E+00 |
| 11.9 | 1.4775E-01 | -6.5462E-02 | 5.6577E+00 | 2.5067E+00 |
| 12.0 | 1.4655E-01 | -6.4964E-02 | 5.7029E+00 | 2.5279E+00 |
| 12.1 | 1.4538E-01 | -6.4473E-02 | 5.7481E+00 | 2.5492E+00 |
| 12.2 | 1.4422E-01 | -6.3990E-02 | 5.7932E+00 | 2.5704E+00 |
| 12.3 | 1.4309E-01 | -6.3513E-02 | 5.8384E+00 | 2.5916E+00 |
| 12.4 | 1.4197E-01 | -6.3044E-02 | 5.8836E+00 | 2.6128E+00 |
| 12.5 | 1.4087E-01 | -6.2581E-02 | 5.9288E+00 | 2.6340E+00 |
| 12.6 | 1.3978E-01 | -6.2125E-02 | 5.9740E+00 | 2.6552E+00 |
| 12.7 | 1.3871E-01 | -6.1676E-02 | 6.0192E+00 | 2.6764E+00 |
| 12.8 | 1.3766E-01 | -6.1233E-02 | 6.0644E+00 | 2.6976E+00 |
| 12.9 | 1.3662E-01 | -6.0796E-02 | 6.1096E+00 | 2.7188E+00 |
| 13.0 | 1.3560E-01 | -6.0366E-02 | 6.1548E+00 | 2.7399E+00 |
| 13.1 | 1.3460E-01 | -5.9941E-02 | 6.2000E+00 | 2.7611E+00 |
| 13.2 | 1.3360E-01 | -5.9523E-02 | 6.2452E+00 | 2.7823E+00 |
| 13.3 | 1.3263E-01 | -5.9110E-02 | 6.2904E+00 | 2.8035E+00 |
| 13.4 | 1.3167E-01 | -5.8702E-02 | 6.3356E+00 | 2.8247E+00 |
| 13.5 | 1.3072E-01 | -5.8301E-02 | 6.3808E+00 | 2.8459E+00 |
| 13.6 | 1.2978E-01 | -5.7904E-02 | 6.4261E+00 | 2.8671E+00 |
| 13.7 | 1.2886E-01 | -5.7513E-02 | 6.4713E+00 | 2.8883E+00 |
| 13.8 | 1.2795E-01 | -5.7127E-02 | 6.5165E+00 | 2.9095E+00 |
| 13.9 | 1.2705E-01 | -5.6746E-02 | 6.5617E+00 | 2.9307E+00 |
| 14.0 | 1.2617E-01 | -5.6371E-02 | 6.6069E+00 | 2.9518E+00 |
| 14.1 | 1.2530E-01 | -5.6000E-02 | 6.6521E+00 | 2.9730E+00 |
| 14.2 | 1.2444E-01 | -5.5634E-02 | 6.6974E+00 | 2.9942E+00 |
| 14.3 | 1.2359E-01 | -5.5272E-02 | 6.7426E+00 | 3.0154E+00 |
| 14.4 | 1.2276E-01 | -5.4916E-02 | 6.7878E+00 | 3.0366E+00 |
| 14.5 | 1.2193E-01 | -5.4563E-02 | 6.8330E+00 | 3.0577E+00 |
| 14.6 | 1.2112E-01 | -5.4216E-02 | 6.8783E+00 | 3.0789E+00 |
| 14.7 | 1.2031E-01 | -5.3872E-02 | 6.9235E+00 | 3.1001E+00 |
| 14.8 | 1.1952E-01 | -5.3533E-02 | 6.9687E+00 | 3.1213E+00 |
| 14.9 | 1.1874E-01 | -5.3198E-02 | 7.0140E+00 | 3.1425E+00 |
| 15.0 | 1.1797E-01 | -5.2868E-02 | 7.0592E+00 | 3.1636E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 15.0 | 1.1797E-01 | -5.2868E-02 | 7.0592E+00 | 3.1636E+00 |
| 15.1 | 1.1720E-01 | -5.2541E-02 | 7.1044E+00 | 3.1848E+00 |
| 15.2 | 1.1645E-01 | -5.2218E-02 | 7.1497E+00 | 3.2060E+00 |
| 15.3 | 1.1571E-01 | -5.1899E-02 | 7.1949E+00 | 3.2272E+00 |
| 15.4 | 1.1498E-01 | -5.1585E-02 | 7.2401E+00 | 3.2483E+00 |
| 15.5 | 1.1425E-01 | -5.1273E-02 | 7.2854E+00 | 3.2695E+00 |
| 15.6 | 1.1354E-01 | -5.0966E-02 | 7.3306E+00 | 3.2907E+00 |
| 15.7 | 1.1283E-01 | -5.0662E-02 | 7.3758E+00 | 3.3119E+00 |
| 15.8 | 1.1213E-01 | -5.0362E-02 | 7.4211E+00 | 3.3330E+00 |
| 15.9 | 1.1144E-01 | -5.0065E-02 | 7.4663E+00 | 3.3542E+00 |
| 16.0 | 1.1076E-01 | -4.9772E-02 | 7.5116E+00 | 3.3754E+00 |
| 16.1 | 1.1009E-01 | -4.9482E-02 | 7.5568E+00 | 3.3965E+00 |
| 16.2 | 1.0943E-01 | -4.9195E-02 | 7.6021E+00 | 3.4177E+00 |
| 16.3 | 1.0877E-01 | -4.8912E-02 | 7.6473E+00 | 3.4389E+00 |
| 16.4 | 1.0812E-01 | -4.8632E-02 | 7.6925E+00 | 3.4600E+00 |
| 16.5 | 1.0748E-01 | -4.8355E-02 | 7.7378E+00 | 3.4812E+00 |
| 16.6 | 1.0685E-01 | -4.8082E-02 | 7.7830E+00 | 3.5024E+00 |
| 16.7 | 1.0622E-01 | -4.7811E-02 | 7.8283E+00 | 3.5235E+00 |
| 16.8 | 1.0560E-01 | -4.7543E-02 | 7.8735E+00 | 3.5447E+00 |
| 16.9 | 1.0499E-01 | -4.7279E-02 | 7.9188E+00 | 3.5659E+00 |
| 17.0 | 1.0439E-01 | -4.7017E-02 | 7.9640E+00 | 3.5870E+00 |
| 17.1 | 1.0379E-01 | -4.6758E-02 | 8.0093E+00 | 3.6082E+00 |
| 17.2 | 1.0320E-01 | -4.6502E-02 | 8.0545E+00 | 3.6294E+00 |
| 17.3 | 1.0262E-01 | -4.6248E-02 | 8.0998E+00 | 3.6505E+00 |
| 17.4 | 1.0204E-01 | -4.5998E-02 | 8.1451E+00 | 3.6717E+00 |
| 17.5 | 1.0147E-01 | -4.5750E-02 | 8.1903E+00 | 3.6929E+00 |
| 17.6 | 1.0090E-01 | -4.5505E-02 | 8.2356E+00 | 3.7140E+00 |
| 17.7 | 1.0034E-01 | -4.5262E-02 | 8.2808E+00 | 3.7352E+00 |
| 17.8 | 9.9793E-02 | -4.5022E-02 | 8.3261E+00 | 3.7564E+00 |
| 17.9 | 9.9247E-02 | -4.4784E-02 | 8.3713E+00 | 3.7775E+00 |
| 18.0 | 9.8706E-02 | -4.4549E-02 | 8.4166E+00 | 3.7987E+00 |
| 18.1 | 9.8172E-02 | -4.4317E-02 | 8.4619E+00 | 3.8198E+00 |
| 18.2 | 9.7644E-02 | -4.4086E-02 | 8.5071E+00 | 3.8410E+00 |
| 18.3 | 9.7121E-02 | -4.3859E-02 | 8.5524E+00 | 3.8622E+00 |
| 18.4 | 9.6603E-02 | -4.3633E-02 | 8.5976E+00 | 3.8833E+00 |
| 18.5 | 9.6091E-02 | -4.3410E-02 | 8.6429E+00 | 3.9045E+00 |
| 18.6 | 9.5585E-02 | -4.3189E-02 | 8.6882E+00 | 3.9256E+00 |
| 18.7 | 9.5084E-02 | -4.2970E-02 | 8.7334E+00 | 3.9468E+00 |
| 18.8 | 9.4588E-02 | -4.2754E-02 | 8.7787E+00 | 3.9680E+00 |
| 18.9 | 9.4097E-02 | -4.2539E-02 | 8.8239E+00 | 3.9891E+00 |
| 19.0 | 9.3611E-02 | -4.2327E-02 | 8.8692E+00 | 4.0103E+00 |
| 19.1 | 9.3131E-02 | -4.2117E-02 | 8.9145E+00 | 4.0314E+00 |
| 19.2 | 9.2655E-02 | -4.1909E-02 | 8.9597E+00 | 4.0526E+00 |
| 19.3 | 9.2184E-02 | -4.1703E-02 | 9.0050E+00 | 4.0737E+00 |
| 19.4 | 9.1717E-02 | -4.1499E-02 | 9.0503E+00 | 4.0949E+00 |
| 19.5 | 9.1256E-02 | -4.1296E-02 | 9.0955E+00 | 4.1161E+00 |
| 19.6 | 9.0799E-02 | -4.1096E-02 | 9.1408E+00 | 4.1372E+00 |
| 19.7 | 9.0347E-02 | -4.0898E-02 | 9.1861E+00 | 4.1584E+00 |
| 19.8 | 8.9899E-02 | -4.0702E-02 | 9.2313E+00 | 4.1795E+00 |
| 19.9 | 8.9455E-02 | -4.0507E-02 | 9.2766E+00 | 4.2007E+00 |
| 20.0 | 8.9016E-02 | -4.0315E-02 | 9.3219E+00 | 4.2218E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|-----|------------|-------------|------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 1.0000E+00 | 0.0000E-01 |
| 0.1 | 9.9937E-01 | -1.0807E-03 | 1.0006E+00 | 1.0821E-03 |
| 0.2 | 9.9748E-01 | -4.3013E-03 | 1.0025E+00 | 4.3229E-03 |
| 0.3 | 9.9429E-01 | -9.5967E-03 | 1.0056E+00 | 9.7063E-03 |
| 0.4 | 9.8975E-01 | -1.6859E-02 | 1.0101E+00 | 1.7205E-02 |
| 0.5 | 9.8378E-01 | -2.5938E-02 | 1.0158E+00 | 2.6781E-02 |
| 0.6 | 9.7631E-01 | -3.6641E-02 | 1.0228E+00 | 3.8387E-02 |
| 0.7 | 9.6728E-01 | -4.8740E-02 | 1.0312E+00 | 5.1962E-02 |
| 0.8 | 9.5662E-01 | -6.1972E-02 | 1.0410E+00 | 6.7438E-02 |
| 0.9 | 9.4430E-01 | -7.6046E-02 | 1.0522E+00 | 8.4733E-02 |
| 1.0 | 9.3032E-01 | -9.0656E-02 | 1.0648E+00 | 1.0376E-01 |
| 1.1 | 9.1472E-01 | -1.0549E-01 | 1.0789E+00 | 1.2442E-01 |
| 1.2 | 8.9757E-01 | -1.2023E-01 | 1.0945E+00 | 1.4660E-01 |
| 1.3 | 8.7901E-01 | -1.3459E-01 | 1.1116E+00 | 1.7020E-01 |
| 1.4 | 8.5918E-01 | -1.4830E-01 | 1.1302E+00 | 1.9509E-01 |
| 1.5 | 8.3828E-01 | -1.6114E-01 | 1.1504E+00 | 2.2114E-01 |
| 1.6 | 8.1653E-01 | -1.7293E-01 | 1.1721E+00 | 2.4824E-01 |
| 1.7 | 7.9415E-01 | -1.8352E-01 | 1.1954E+00 | 2.7624E-01 |
| 1.8 | 7.7138E-01 | -1.9284E-01 | 1.2201E+00 | 3.0502E-01 |
| 1.9 | 7.4844E-01 | -2.0085E-01 | 1.2464E+00 | 3.3446E-01 |
| 2.0 | 7.2555E-01 | -2.0754E-01 | 1.2740E+00 | 3.6442E-01 |
| 2.1 | 7.0289E-01 | -2.1296E-01 | 1.3031E+00 | 3.9480E-01 |
| 2.2 | 6.8063E-01 | -2.1717E-01 | 1.3335E+00 | 4.2547E-01 |
| 2.3 | 6.5891E-01 | -2.2026E-01 | 1.3651E+00 | 4.5634E-01 |
| 2.4 | 6.3782E-01 | -2.2233E-01 | 1.3980E+00 | 4.8731E-01 |
| 2.5 | 6.1746E-01 | -2.2349E-01 | 1.4319E+00 | 5.1830E-01 |
| 2.6 | 5.9788E-01 | -2.2384E-01 | 1.4670E+00 | 5.4923E-01 |
| 2.7 | 5.7911E-01 | -2.2350E-01 | 1.5029E+00 | 5.8003E-01 |
| 2.8 | 5.6117E-01 | -2.2256E-01 | 1.5398E+00 | 6.1067E-01 |
| 2.9 | 5.4407E-01 | -2.2112E-01 | 1.5774E+00 | 6.4109E-01 |
| 3.0 | 5.2779E-01 | -2.1926E-01 | 1.6158E+00 | 6.7126E-01 |
| 3.1 | 5.1232E-01 | -2.1707E-01 | 1.6548E+00 | 7.0116E-01 |
| 3.2 | 4.9762E-01 | -2.1461E-01 | 1.6944E+00 | 7.3076E-01 |
| 3.3 | 4.8366E-01 | -2.1195E-01 | 1.7345E+00 | 7.6008E-01 |
| 3.4 | 4.7041E-01 | -2.0913E-01 | 1.7750E+00 | 7.8909E-01 |
| 3.5 | 4.5784E-01 | -2.0619E-01 | 1.8159E+00 | 8.1780E-01 |
| 3.6 | 4.4589E-01 | -2.0318E-01 | 1.8571E+00 | 8.4623E-01 |
| 3.7 | 4.3454E-01 | -2.0013E-01 | 1.8986E+00 | 8.7437E-01 |
| 3.8 | 4.2376E-01 | -1.9705E-01 | 1.9403E+00 | 9.0225E-01 |
| 3.9 | 4.1349E-01 | -1.9398E-01 | 1.9822E+00 | 9.2989E-01 |
| 4.0 | 4.0372E-01 | -1.9092E-01 | 2.0243E+00 | 9.5728E-01 |
| 4.1 | 3.9440E-01 | -1.8789E-01 | 2.0665E+00 | 9.8447E-01 |
| 4.2 | 3.8551E-01 | -1.8490E-01 | 2.1088E+00 | 1.0115E+00 |
| 4.3 | 3.7703E-01 | -1.8197E-01 | 2.1512E+00 | 1.0383E+00 |
| 4.4 | 3.6892E-01 | -1.7908E-01 | 2.1937E+00 | 1.0649E+00 |
| 4.5 | 3.6116E-01 | -1.7626E-01 | 2.2363E+00 | 1.0914E+00 |
| 4.6 | 3.5372E-01 | -1.7350E-01 | 2.2788E+00 | 1.1177E+00 |
| 4.7 | 3.4660E-01 | -1.7080E-01 | 2.3215E+00 | 1.1440E+00 |
| 4.8 | 3.3976E-01 | -1.6816E-01 | 2.3641E+00 | 1.1701E+00 |
| 4.9 | 3.3319E-01 | -1.6559E-01 | 2.4068E+00 | 1.1961E+00 |
| 5.0 | 3.2688E-01 | -1.6308E-01 | 2.4495E+00 | 1.2221E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 5.0 | 3.2688E-01 | -1.6308E-01 | 2.4495E+00 | 1.2221E+00 |
| 5.1 | 3.2081E-01 | -1.6064E-01 | 2.4922E+00 | 1.2480E+00 |
| 5.2 | 3.1496E-01 | -1.5826E-01 | 2.5350E+00 | 1.2738E+00 |
| 5.3 | 3.0932E-01 | -1.5594E-01 | 2.5777E+00 | 1.2995E+00 |
| 5.4 | 3.0389E-01 | -1.5368E-01 | 2.6205E+00 | 1.3252E+00 |
| 5.5 | 2.9865E-01 | -1.5148E-01 | 2.6633E+00 | 1.3509E+00 |
| 5.6 | 2.9358E-01 | -1.4933E-01 | 2.7060E+00 | 1.3765E+00 |
| 5.7 | 2.8869E-01 | -1.4725E-01 | 2.7488E+00 | 1.4020E+00 |
| 5.8 | 2.8396E-01 | -1.4521E-01 | 2.7916E+00 | 1.4276E+00 |
| 5.9 | 2.7938E-01 | -1.4322E-01 | 2.8344E+00 | 1.4531E+00 |
| 6.0 | 2.7495E-01 | -1.4129E-01 | 2.8773E+00 | 1.4786E+00 |
| 6.1 | 2.7065E-01 | -1.3940E-01 | 2.9201E+00 | 1.5040E+00 |
| 6.2 | 2.6649E-01 | -1.3756E-01 | 2.9629E+00 | 1.5295E+00 |
| 6.3 | 2.6246E-01 | -1.3577E-01 | 3.0058E+00 | 1.5549E+00 |
| 6.4 | 2.5854E-01 | -1.3402E-01 | 3.0487E+00 | 1.5803E+00 |
| 6.5 | 2.5474E-01 | -1.3231E-01 | 3.0915E+00 | 1.6057E+00 |
| 6.6 | 2.5105E-01 | -1.3064E-01 | 3.1344E+00 | 1.6311E+00 |
| 6.7 | 2.4747E-01 | -1.2902E-01 | 3.1773E+00 | 1.6564E+00 |
| 6.8 | 2.4399E-01 | -1.2743E-01 | 3.2202E+00 | 1.6818E+00 |
| 6.9 | 2.4060E-01 | -1.2587E-01 | 3.2631E+00 | 1.7071E+00 |
| 7.0 | 2.3731E-01 | -1.2436E-01 | 3.3060E+00 | 1.7325E+00 |
| 7.1 | 2.3411E-01 | -1.2287E-01 | 3.3490E+00 | 1.7578E+00 |
| 7.2 | 2.3099E-01 | -1.2143E-01 | 3.3919E+00 | 1.7831E+00 |
| 7.3 | 2.2795E-01 | -1.2001E-01 | 3.4349E+00 | 1.8084E+00 |
| 7.4 | 2.2499E-01 | -1.1862E-01 | 3.4778E+00 | 1.8336E+00 |
| 7.5 | 2.2211E-01 | -1.1727E-01 | 3.5208E+00 | 1.8589E+00 |
| 7.6 | 2.1930E-01 | -1.1594E-01 | 3.5638E+00 | 1.8842E+00 |
| 7.7 | 2.1656E-01 | -1.1465E-01 | 3.6068E+00 | 1.9094E+00 |
| 7.8 | 2.1389E-01 | -1.1338E-01 | 3.6498E+00 | 1.9347E+00 |
| 7.9 | 2.1128E-01 | -1.1214E-01 | 3.6928E+00 | 1.9599E+00 |
| 8.0 | 2.0874E-01 | -1.1092E-01 | 3.7358E+00 | 1.9852E+00 |
| 8.1 | 2.0625E-01 | -1.0973E-01 | 3.7788E+00 | 2.0104E+00 |
| 8.2 | 2.0383E-01 | -1.0857E-01 | 3.8218E+00 | 2.0356E+00 |
| 8.3 | 2.0146E-01 | -1.0742E-01 | 3.8649E+00 | 2.0608E+00 |
| 8.4 | 1.9915E-01 | -1.0630E-01 | 3.9079E+00 | 2.0860E+00 |
| 8.5 | 1.9688E-01 | -1.0521E-01 | 3.9509E+00 | 2.1112E+00 |
| 8.6 | 1.9467E-01 | -1.0413E-01 | 3.9940E+00 | 2.1364E+00 |
| 8.7 | 1.9251E-01 | -1.0308E-01 | 4.0371E+00 | 2.1616E+00 |
| 8.8 | 1.9040E-01 | -1.0205E-01 | 4.0801E+00 | 2.1868E+00 |
| 8.9 | 1.8833E-01 | -1.0103E-01 | 4.1232E+00 | 2.2120E+00 |
| 9.0 | 1.8630E-01 | -1.0004E-01 | 4.1663E+00 | 2.2372E+00 |
| 9.1 | 1.8432E-01 | -9.9066E-02 | 4.2093E+00 | 2.2624E+00 |
| 9.2 | 1.8238E-01 | -9.8110E-02 | 4.2524E+00 | 2.2875E+00 |
| 9.3 | 1.8048E-01 | -9.7172E-02 | 4.2955E+00 | 2.3127E+00 |
| 9.4 | 1.7862E-01 | -9.6251E-02 | 4.3386E+00 | 2.3378E+00 |
| 9.5 | 1.7680E-01 | -9.5347E-02 | 4.3817E+00 | 2.3630E+00 |
| 9.6 | 1.7502E-01 | -9.4459E-02 | 4.4248E+00 | 2.3881E+00 |
| 9.7 | 1.7327E-01 | -9.3588E-02 | 4.4679E+00 | 2.4133E+00 |
| 9.8 | 1.7155E-01 | -9.2732E-02 | 4.5110E+00 | 2.4384E+00 |
| 9.9 | 1.6987E-01 | -9.1892E-02 | 4.5542E+00 | 2.4636E+00 |
| 10.0 | 1.6822E-01 | -9.1066E-02 | 4.5973E+00 | 2.4887E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 10.0 | 1.6822E-01 | -9.1066E-02 | 4.5973E+00 | 2.4887E+00 |
| 10.1 | 1.6660E-01 | -9.0255E-02 | 4.6404E+00 | 2.5138E+00 |
| 10.2 | 1.6502E-01 | -8.9458E-02 | 4.6835E+00 | 2.5390E+00 |
| 10.3 | 1.6346E-01 | -8.8675E-02 | 4.7267E+00 | 2.5641E+00 |
| 10.4 | 1.6193E-01 | -8.7905E-02 | 4.7698E+00 | 2.5892E+00 |
| 10.5 | 1.6044E-01 | -8.7148E-02 | 4.8129E+00 | 2.6144E+00 |
| 10.6 | 1.5896E-01 | -8.6404E-02 | 4.8561E+00 | 2.6395E+00 |
| 10.7 | 1.5752E-01 | -8.5672E-02 | 4.8992E+00 | 2.6646E+00 |
| 10.8 | 1.5610E-01 | -8.4952E-02 | 4.9424E+00 | 2.6897E+00 |
| 10.9 | 1.5471E-01 | -8.4244E-02 | 4.9855E+00 | 2.7148E+00 |
| 11.0 | 1.5334E-01 | -8.3548E-02 | 5.0287E+00 | 2.7399E+00 |
| 11.1 | 1.5199E-01 | -8.2863E-02 | 5.0718E+00 | 2.7650E+00 |
| 11.2 | 1.5067E-01 | -8.2189E-02 | 5.1150E+00 | 2.7901E+00 |
| 11.3 | 1.4937E-01 | -8.1526E-02 | 5.1581E+00 | 2.8152E+00 |
| 11.4 | 1.4810E-01 | -8.0873E-02 | 5.2013E+00 | 2.8403E+00 |
| 11.5 | 1.4684E-01 | -8.0230E-02 | 5.2445E+00 | 2.8654E+00 |
| 11.6 | 1.4561E-01 | -7.9598E-02 | 5.2876E+00 | 2.8905E+00 |
| 11.7 | 1.4439E-01 | -7.8975E-02 | 5.3308E+00 | 2.9156E+00 |
| 11.8 | 1.4320E-01 | -7.8362E-02 | 5.3740E+00 | 2.9407E+00 |
| 11.9 | 1.4203E-01 | -7.7758E-02 | 5.4171E+00 | 2.9658E+00 |
| 12.0 | 1.4087E-01 | -7.7163E-02 | 5.4603E+00 | 2.9909E+00 |
| 12.1 | 1.3974E-01 | -7.6578E-02 | 5.5035E+00 | 3.0160E+00 |
| 12.2 | 1.3862E-01 | -7.6001E-02 | 5.5467E+00 | 3.0411E+00 |
| 12.3 | 1.3752E-01 | -7.5432E-02 | 5.5899E+00 | 3.0662E+00 |
| 12.4 | 1.3644E-01 | -7.4872E-02 | 5.6331E+00 | 3.0912E+00 |
| 12.5 | 1.3537E-01 | -7.4320E-02 | 5.6762E+00 | 3.1163E+00 |
| 12.6 | 1.3432E-01 | -7.3776E-02 | 5.7194E+00 | 3.1414E+00 |
| 12.7 | 1.3329E-01 | -7.3240E-02 | 5.7626E+00 | 3.1665E+00 |
| 12.8 | 1.3227E-01 | -7.2711E-02 | 5.8058E+00 | 3.1916E+00 |
| 12.9 | 1.3127E-01 | -7.2190E-02 | 5.8490E+00 | 3.2166E+00 |
| 13.0 | 1.3028E-01 | -7.1677E-02 | 5.8922E+00 | 3.2417E+00 |
| 13.1 | 1.2931E-01 | -7.1170E-02 | 5.9354E+00 | 3.2668E+00 |
| 13.2 | 1.2835E-01 | -7.0671E-02 | 5.9786E+00 | 3.2918E+00 |
| 13.3 | 1.2741E-01 | -7.0178E-02 | 6.0218E+00 | 3.3169E+00 |
| 13.4 | 1.2648E-01 | -6.9693E-02 | 6.0650E+00 | 3.3420E+00 |
| 13.5 | 1.2556E-01 | -6.9214E-02 | 6.1082E+00 | 3.3671E+00 |
| 13.6 | 1.2466E-01 | -6.8741E-02 | 6.1514E+00 | 3.3921E+00 |
| 13.7 | 1.2377E-01 | -6.8275E-02 | 6.1946E+00 | 3.4172E+00 |
| 13.8 | 1.2289E-01 | -6.7815E-02 | 6.2378E+00 | 3.4422E+00 |
| 13.9 | 1.2202E-01 | -6.7361E-02 | 6.2810E+00 | 3.4673E+00 |
| 14.0 | 1.2117E-01 | -6.6913E-02 | 6.3242E+00 | 3.4924E+00 |
| 14.1 | 1.2033E-01 | -6.6471E-02 | 6.3675E+00 | 3.5174E+00 |
| 14.2 | 1.1950E-01 | -6.6035E-02 | 6.4107E+00 | 3.5425E+00 |
| 14.3 | 1.1868E-01 | -6.5604E-02 | 6.4539E+00 | 3.5676E+00 |
| 14.4 | 1.1787E-01 | -6.5179E-02 | 6.4971E+00 | 3.5926E+00 |
| 14.5 | 1.1708E-01 | -6.4759E-02 | 6.5403E+00 | 3.6177E+00 |
| 14.6 | 1.1629E-01 | -6.4345E-02 | 6.5835E+00 | 3.6427E+00 |
| 14.7 | 1.1552E-01 | -6.3936E-02 | 6.6268E+00 | 3.6678E+00 |
| 14.8 | 1.1475E-01 | -6.3532E-02 | 6.6700E+00 | 3.6928E+00 |
| 14.9 | 1.1400E-01 | -6.3133E-02 | 6.7132E+00 | 3.7179E+00 |
| 15.0 | 1.1325E-01 | -6.2739E-02 | 6.7564E+00 | 3.7429E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 15.0 | 1.1325E-01 | -6.2739E-02 | 6.7564E+00 | 3.7429E+00 |
| 15.1 | 1.1252E-01 | -6.2350E-02 | 6.7997E+00 | 3.7680E+00 |
| 15.2 | 1.1179E-01 | -6.1966E-02 | 6.8429E+00 | 3.7931E+00 |
| 15.3 | 1.1107E-01 | -6.1586E-02 | 6.8861E+00 | 3.8181E+00 |
| 15.4 | 1.1037E-01 | -6.1211E-02 | 6.9293E+00 | 3.8432E+00 |
| 15.5 | 1.0967E-01 | -6.0840E-02 | 6.9726E+00 | 3.8682E+00 |
| 15.6 | 1.0898E-01 | -6.0474E-02 | 7.0158E+00 | 3.8933E+00 |
| 15.7 | 1.0830E-01 | -6.0112E-02 | 7.0590E+00 | 3.9183E+00 |
| 15.8 | 1.0762E-01 | -5.9755E-02 | 7.1022E+00 | 3.9433E+00 |
| 15.9 | 1.0696E-01 | -5.9402E-02 | 7.1455E+00 | 3.9684E+00 |
| 16.0 | 1.0630E-01 | -5.9053E-02 | 7.1887E+00 | 3.9934E+00 |
| 16.1 | 1.0565E-01 | -5.8707E-02 | 7.2319E+00 | 4.0185E+00 |
| 16.2 | 1.0501E-01 | -5.8366E-02 | 7.2752E+00 | 4.0435E+00 |
| 16.3 | 1.0438E-01 | -5.8029E-02 | 7.3184E+00 | 4.0686E+00 |
| 16.4 | 1.0376E-01 | -5.7696E-02 | 7.3617E+00 | 4.0936E+00 |
| 16.5 | 1.0314E-01 | -5.7366E-02 | 7.4049E+00 | 4.1187E+00 |
| 16.6 | 1.0253E-01 | -5.7041E-02 | 7.4481E+00 | 4.1437E+00 |
| 16.7 | 1.0192E-01 | -5.6718E-02 | 7.4914E+00 | 4.1687E+00 |
| 16.8 | 1.0133E-01 | -5.6400E-02 | 7.5346E+00 | 4.1938E+00 |
| 16.9 | 1.0074E-01 | -5.6085E-02 | 7.5778E+00 | 4.2188E+00 |
| 17.0 | 1.0016E-01 | -5.5773E-02 | 7.6211E+00 | 4.2439E+00 |
| 17.1 | 9.9581E-02 | -5.5465E-02 | 7.6643E+00 | 4.2689E+00 |
| 17.2 | 9.9012E-02 | -5.5160E-02 | 7.7076E+00 | 4.2939E+00 |
| 17.3 | 9.8450E-02 | -5.4859E-02 | 7.7508E+00 | 4.3190E+00 |
| 17.4 | 9.7893E-02 | -5.4561E-02 | 7.7941E+00 | 4.3440E+00 |
| 17.5 | 9.7343E-02 | -5.4266E-02 | 7.8373E+00 | 4.3691E+00 |
| 17.6 | 9.6799E-02 | -5.3974E-02 | 7.8805E+00 | 4.3941E+00 |
| 17.7 | 9.6262E-02 | -5.3685E-02 | 7.9238E+00 | 4.4191E+00 |
| 17.8 | 9.5730E-02 | -5.3400E-02 | 7.9670E+00 | 4.4442E+00 |
| 17.9 | 9.5204E-02 | -5.3117E-02 | 8.0103E+00 | 4.4692E+00 |
| 18.0 | 9.4683E-02 | -5.2838E-02 | 8.0535E+00 | 4.4942E+00 |
| 18.1 | 9.4169E-02 | -5.2561E-02 | 8.0968E+00 | 4.5193E+00 |
| 18.2 | 9.3659E-02 | -5.2287E-02 | 8.1400E+00 | 4.5443E+00 |
| 18.3 | 9.3156E-02 | -5.2016E-02 | 8.1833E+00 | 4.5693E+00 |
| 18.4 | 9.2658E-02 | -5.1748E-02 | 8.2265E+00 | 4.5944E+00 |
| 18.5 | 9.2165E-02 | -5.1482E-02 | 8.2698E+00 | 4.6194E+00 |
| 18.6 | 9.1677E-02 | -5.1219E-02 | 8.3130E+00 | 4.6444E+00 |
| 18.7 | 9.1194E-02 | -5.0959E-02 | 8.3563E+00 | 4.6695E+00 |
| 18.8 | 9.0717E-02 | -5.0702E-02 | 8.3995E+00 | 4.6945E+00 |
| 18.9 | 9.0244E-02 | -5.0447E-02 | 8.4428E+00 | 4.7195E+00 |
| 19.0 | 8.9777E-02 | -5.0194E-02 | 8.4860E+00 | 4.7446E+00 |
| 19.1 | 8.9314E-02 | -4.9945E-02 | 8.5293E+00 | 4.7696E+00 |
| 19.2 | 8.8856E-02 | -4.9697E-02 | 8.5726E+00 | 4.7946E+00 |
| 19.3 | 8.8402E-02 | -4.9452E-02 | 8.6158E+00 | 4.8197E+00 |
| 19.4 | 8.7953E-02 | -4.9209E-02 | 8.6591E+00 | 4.8447E+00 |
| 19.5 | 8.7509E-02 | -4.8969E-02 | 8.7023E+00 | 4.8697E+00 |
| 19.6 | 8.7069E-02 | -4.8731E-02 | 8.7456E+00 | 4.8948E+00 |
| 19.7 | 8.6634E-02 | -4.8496E-02 | 8.7888E+00 | 4.9198E+00 |
| 19.8 | 8.6203E-02 | -4.8262E-02 | 8.8321E+00 | 4.9448E+00 |
| 19.9 | 8.5776E-02 | -4.8031E-02 | 8.8753E+00 | 4.9698E+00 |
| 20.0 | 8.5353E-02 | -4.7802E-02 | 8.9186E+00 | 4.9949E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|-----|------------|-------------|------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 1.0000E+00 | 0.0000E-01 |
| 0.1 | 9.9957E-01 | -1.1733E-03 | 1.0004E+00 | 1.1743E-03 |
| 0.2 | 9.9826E-01 | -4.6769E-03 | 1.0017E+00 | 4.6931E-03 |
| 0.3 | 9.9603E-01 | -1.0462E-02 | 1.0039E+00 | 1.0544E-02 |
| 0.4 | 9.9276E-01 | -1.8444E-02 | 1.0069E+00 | 1.8707E-02 |
| 0.5 | 9.8836E-01 | -2.8503E-02 | 1.0109E+00 | 2.9154E-02 |
| 0.6 | 9.8269E-01 | -4.0477E-02 | 1.0159E+00 | 4.1845E-02 |
| 0.7 | 9.7559E-01 | -5.4165E-02 | 1.0219E+00 | 5.6734E-02 |
| 0.8 | 9.6692E-01 | -6.9320E-02 | 1.0289E+00 | 7.3765E-02 |
| 0.9 | 9.5656E-01 | -8.5658E-02 | 1.0371E+00 | 9.2870E-02 |
| 1.0 | 9.4440E-01 | -1.0286E-01 | 1.0465E+00 | 1.1397E-01 |
| 1.1 | 9.3039E-01 | -1.2057E-01 | 1.0571E+00 | 1.3698E-01 |
| 1.2 | 9.1451E-01 | -1.3842E-01 | 1.0690E+00 | 1.6181E-01 |
| 1.3 | 8.9682E-01 | -1.5606E-01 | 1.0823E+00 | 1.8833E-01 |
| 1.4 | 8.7743E-01 | -1.7312E-01 | 1.0970E+00 | 2.1644E-01 |
| 1.5 | 8.5651E-01 | -1.8929E-01 | 1.1132E+00 | 2.4601E-01 |
| 1.6 | 8.3427E-01 | -2.0428E-01 | 1.1308E+00 | 2.7690E-01 |
| 1.7 | 8.1098E-01 | -2.1787E-01 | 1.1501E+00 | 3.0897E-01 |
| 1.8 | 7.8691E-01 | -2.2991E-01 | 1.1708E+00 | 3.4208E-01 |
| 1.9 | 7.6236E-01 | -2.4029E-01 | 1.1932E+00 | 3.7607E-01 |
| 2.0 | 7.3761E-01 | -2.4897E-01 | 1.2171E+00 | 4.1081E-01 |
| 2.1 | 7.1292E-01 | -2.5598E-01 | 1.2425E+00 | 4.4613E-01 |
| 2.2 | 6.8854E-01 | -2.6139E-01 | 1.2694E+00 | 4.8191E-01 |
| 2.3 | 6.6467E-01 | -2.6530E-01 | 1.2978E+00 | 5.1799E-01 |
| 2.4 | 6.4147E-01 | -2.6783E-01 | 1.3275E+00 | 5.5426E-01 |
| 2.5 | 6.1908E-01 | -2.6913E-01 | 1.3586E+00 | 5.9060E-01 |
| 2.6 | 5.9758E-01 | -2.6935E-01 | 1.3909E+00 | 6.2689E-01 |
| 2.7 | 5.7705E-01 | -2.6864E-01 | 1.4243E+00 | 6.6305E-01 |
| 2.8 | 5.5750E-01 | -2.6714E-01 | 1.4588E+00 | 6.9900E-01 |
| 2.9 | 5.3896E-01 | -2.6499E-01 | 1.4942E+00 | 7.3467E-01 |
| 3.0 | 5.2140E-01 | -2.6232E-01 | 1.5305E+00 | 7.7000E-01 |
| 3.1 | 5.0481E-01 | -2.5923E-01 | 1.5676E+00 | 8.0496E-01 |
| 3.2 | 4.8915E-01 | -2.5581E-01 | 1.6053E+00 | 8.3953E-01 |
| 3.3 | 4.7438E-01 | -2.5216E-01 | 1.6436E+00 | 8.7368E-01 |
| 3.4 | 4.6044E-01 | -2.4833E-01 | 1.6824E+00 | 9.0740E-01 |
| 3.5 | 4.4729E-01 | -2.4440E-01 | 1.7217E+00 | 9.4071E-01 |
| 3.6 | 4.3488E-01 | -2.4040E-01 | 1.7613E+00 | 9.7361E-01 |
| 3.7 | 4.2316E-01 | -2.3638E-01 | 1.8011E+00 | 1.0061E+00 |
| 3.8 | 4.1208E-01 | -2.3237E-01 | 1.8412E+00 | 1.0383E+00 |
| 3.9 | 4.0160E-01 | -2.2839E-01 | 1.8815E+00 | 1.0700E+00 |
| 4.0 | 3.9166E-01 | -2.2447E-01 | 1.9219E+00 | 1.1015E+00 |
| 4.1 | 3.8223E-01 | -2.2061E-01 | 1.9625E+00 | 1.1327E+00 |
| 4.2 | 3.7328E-01 | -2.1684E-01 | 2.0031E+00 | 1.1636E+00 |
| 4.3 | 3.6476E-01 | -2.1315E-01 | 2.0437E+00 | 1.1942E+00 |
| 4.4 | 3.5664E-01 | -2.0955E-01 | 2.0844E+00 | 1.2247E+00 |
| 4.5 | 3.4890E-01 | -2.0604E-01 | 2.1251E+00 | 1.2549E+00 |
| 4.6 | 3.4151E-01 | -2.0263E-01 | 2.1657E+00 | 1.2850E+00 |
| 4.7 | 3.3444E-01 | -1.9931E-01 | 2.2064E+00 | 1.3149E+00 |
| 4.8 | 3.2767E-01 | -1.9609E-01 | 2.2471E+00 | 1.3447E+00 |
| 4.9 | 3.2118E-01 | -1.9296E-01 | 2.2878E+00 | 1.3744E+00 |
| 5.0 | 3.1496E-01 | -1.8992E-01 | 2.3284E+00 | 1.4040E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 5.0 | 3.1496E-01 | -1.8992E-01 | 2.3284E+00 | 1.4040E+00 |
| 5.1 | 3.0898E-01 | -1.8697E-01 | 2.3690E+00 | 1.4335E+00 |
| 5.2 | 3.0323E-01 | -1.8410E-01 | 2.4096E+00 | 1.4630E+00 |
| 5.3 | 2.9769E-01 | -1.8132E-01 | 2.4502E+00 | 1.4924E+00 |
| 5.4 | 2.9236E-01 | -1.7861E-01 | 2.4908E+00 | 1.5217E+00 |
| 5.5 | 2.8722E-01 | -1.7598E-01 | 2.5314E+00 | 1.5510E+00 |
| 5.6 | 2.8226E-01 | -1.7342E-01 | 2.5719E+00 | 1.5803E+00 |
| 5.7 | 2.7746E-01 | -1.7094E-01 | 2.6125E+00 | 1.6095E+00 |
| 5.8 | 2.7284E-01 | -1.6852E-01 | 2.6531E+00 | 1.6387E+00 |
| 5.9 | 2.6836E-01 | -1.6617E-01 | 2.6936E+00 | 1.6679E+00 |
| 6.0 | 2.6403E-01 | -1.6388E-01 | 2.7342E+00 | 1.6970E+00 |
| 6.1 | 2.5984E-01 | -1.6165E-01 | 2.7747E+00 | 1.7262E+00 |
| 6.2 | 2.5578E-01 | -1.5947E-01 | 2.8153E+00 | 1.7553E+00 |
| 6.3 | 2.5184E-01 | -1.5736E-01 | 2.8558E+00 | 1.7844E+00 |
| 6.4 | 2.4803E-01 | -1.5529E-01 | 2.8964E+00 | 1.8135E+00 |
| 6.5 | 2.4432E-01 | -1.5328E-01 | 2.9370E+00 | 1.8426E+00 |
| 6.6 | 2.4073E-01 | -1.5132E-01 | 2.9776E+00 | 1.8716E+00 |
| 6.7 | 2.3724E-01 | -1.4940E-01 | 3.0181E+00 | 1.9007E+00 |
| 6.8 | 2.3385E-01 | -1.4754E-01 | 3.0587E+00 | 1.9297E+00 |
| 6.9 | 2.3056E-01 | -1.4571E-01 | 3.0994E+00 | 1.9588E+00 |
| 7.0 | 2.2736E-01 | -1.4393E-01 | 3.1400E+00 | 1.9878E+00 |
| 7.1 | 2.2424E-01 | -1.4219E-01 | 3.1806E+00 | 2.0168E+00 |
| 7.2 | 2.2121E-01 | -1.4049E-01 | 3.2212E+00 | 2.0458E+00 |
| 7.3 | 2.1826E-01 | -1.3883E-01 | 3.2619E+00 | 2.0748E+00 |
| 7.4 | 2.1539E-01 | -1.3721E-01 | 3.3025E+00 | 2.1038E+00 |
| 7.5 | 2.1259E-01 | -1.3563E-01 | 3.3432E+00 | 2.1328E+00 |
| 7.6 | 2.0987E-01 | -1.3407E-01 | 3.3838E+00 | 2.1618E+00 |
| 7.7 | 2.0721E-01 | -1.3256E-01 | 3.4245E+00 | 2.1907E+00 |
| 7.8 | 2.0462E-01 | -1.3107E-01 | 3.4652E+00 | 2.2197E+00 |
| 7.9 | 2.0210E-01 | -1.2962E-01 | 3.5059E+00 | 2.2486E+00 |
| 8.0 | 1.9963E-01 | -1.2820E-01 | 3.5466E+00 | 2.2776E+00 |
| 8.1 | 1.9723E-01 | -1.2681E-01 | 3.5873E+00 | 2.3065E+00 |
| 8.2 | 1.9488E-01 | -1.2545E-01 | 3.6280E+00 | 2.3354E+00 |
| 8.3 | 1.9259E-01 | -1.2412E-01 | 3.6687E+00 | 2.3644E+00 |
| 8.4 | 1.9035E-01 | -1.2281E-01 | 3.7094E+00 | 2.3933E+00 |
| 8.5 | 1.8816E-01 | -1.2153E-01 | 3.7502E+00 | 2.4222E+00 |
| 8.6 | 1.8602E-01 | -1.2028E-01 | 3.7909E+00 | 2.4511E+00 |
| 8.7 | 1.8393E-01 | -1.1905E-01 | 3.8316E+00 | 2.4800E+00 |
| 8.8 | 1.8189E-01 | -1.1784E-01 | 3.8724E+00 | 2.5088E+00 |
| 8.9 | 1.7989E-01 | -1.1666E-01 | 3.9131E+00 | 2.5377E+00 |
| 9.0 | 1.7794E-01 | -1.1551E-01 | 3.9539E+00 | 2.5666E+00 |
| 9.1 | 1.7602E-01 | -1.1437E-01 | 3.9946E+00 | 2.5955E+00 |
| 9.2 | 1.7415E-01 | -1.1326E-01 | 4.0354E+00 | 2.6243E+00 |
| 9.3 | 1.7232E-01 | -1.1216E-01 | 4.0762E+00 | 2.6532E+00 |
| 9.4 | 1.7053E-01 | -1.1109E-01 | 4.1169E+00 | 2.6821E+00 |
| 9.5 | 1.6877E-01 | -1.1004E-01 | 4.1577E+00 | 2.7109E+00 |
| 9.6 | 1.6705E-01 | -1.0901E-01 | 4.1985E+00 | 2.7398E+00 |
| 9.7 | 1.6536E-01 | -1.0799E-01 | 4.2393E+00 | 2.7686E+00 |
| 9.8 | 1.6371E-01 | -1.0700E-01 | 4.2801E+00 | 2.7974E+00 |
| 9.9 | 1.6209E-01 | -1.0602E-01 | 4.3209E+00 | 2.8263E+00 |
| 10.0 | 1.6050E-01 | -1.0506E-01 | 4.3617E+00 | 2.8551E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 10.0 | 1.6050E-01 | -1.0506E-01 | 4.3617E+00 | 2.8551E+00 |
| 10.1 | 1.5894E-01 | -1.0412E-01 | 4.4024E+00 | 2.8839E+00 |
| 10.2 | 1.5741E-01 | -1.0319E-01 | 4.4432E+00 | 2.9128E+00 |
| 10.3 | 1.5591E-01 | -1.0228E-01 | 4.4841E+00 | 2.9416E+00 |
| 10.4 | 1.5444E-01 | -1.0139E-01 | 4.5249E+00 | 2.9704E+00 |
| 10.5 | 1.5300E-01 | -1.0051E-01 | 4.5657E+00 | 2.9992E+00 |
| 10.6 | 1.5159E-01 | -9.9643E-02 | 4.6065E+00 | 3.0280E+00 |
| 10.7 | 1.5020E-01 | -9.8794E-02 | 4.6473E+00 | 3.0568E+00 |
| 10.8 | 1.4883E-01 | -9.7958E-02 | 4.6881E+00 | 3.0856E+00 |
| 10.9 | 1.4749E-01 | -9.7136E-02 | 4.7289E+00 | 3.1144E+00 |
| 11.0 | 1.4617E-01 | -9.6328E-02 | 4.7698E+00 | 3.1432E+00 |
| 11.1 | 1.4488E-01 | -9.5533E-02 | 4.8106E+00 | 3.1720E+00 |
| 11.2 | 1.4361E-01 | -9.4751E-02 | 4.8514E+00 | 3.2008E+00 |
| 11.3 | 1.4236E-01 | -9.3982E-02 | 4.8922E+00 | 3.2296E+00 |
| 11.4 | 1.4114E-01 | -9.3224E-02 | 4.9331E+00 | 3.2584E+00 |
| 11.5 | 1.3993E-01 | -9.2479E-02 | 4.9739E+00 | 3.2872E+00 |
| 11.6 | 1.3875E-01 | -9.1746E-02 | 5.0147E+00 | 3.3160E+00 |
| 11.7 | 1.3758E-01 | -9.1023E-02 | 5.0556E+00 | 3.3448E+00 |
| 11.8 | 1.3643E-01 | -9.0312E-02 | 5.0964E+00 | 3.3736E+00 |
| 11.9 | 1.3531E-01 | -8.9612E-02 | 5.1373E+00 | 3.4023E+00 |
| 12.0 | 1.3420E-01 | -8.8923E-02 | 5.1781E+00 | 3.4311E+00 |
| 12.1 | 1.3311E-01 | -8.8244E-02 | 5.2189E+00 | 3.4599E+00 |
| 12.2 | 1.3204E-01 | -8.7575E-02 | 5.2598E+00 | 3.4887E+00 |
| 12.3 | 1.3098E-01 | -8.6917E-02 | 5.3006E+00 | 3.5174E+00 |
| 12.4 | 1.2994E-01 | -8.6268E-02 | 5.3415E+00 | 3.5462E+00 |
| 12.5 | 1.2892E-01 | -8.5628E-02 | 5.3823E+00 | 3.5750E+00 |
| 12.6 | 1.2791E-01 | -8.4998E-02 | 5.4232E+00 | 3.6038E+00 |
| 12.7 | 1.2692E-01 | -8.4377E-02 | 5.4641E+00 | 3.6325E+00 |
| 12.8 | 1.2594E-01 | -8.3765E-02 | 5.5049E+00 | 3.6613E+00 |
| 12.9 | 1.2498E-01 | -8.3161E-02 | 5.5458E+00 | 3.6901E+00 |
| 13.0 | 1.2404E-01 | -8.2567E-02 | 5.5866E+00 | 3.7188E+00 |
| 13.1 | 1.2310E-01 | -8.1980E-02 | 5.6275E+00 | 3.7476E+00 |
| 13.2 | 1.2219E-01 | -8.1402E-02 | 5.6684E+00 | 3.7763E+00 |
| 13.3 | 1.2128E-01 | -8.0832E-02 | 5.7092E+00 | 3.8051E+00 |
| 13.4 | 1.2039E-01 | -8.0270E-02 | 5.7501E+00 | 3.8338E+00 |
| 13.5 | 1.1951E-01 | -7.9715E-02 | 5.7910E+00 | 3.8626E+00 |
| 13.6 | 1.1865E-01 | -7.9168E-02 | 5.8318E+00 | 3.8914E+00 |
| 13.7 | 1.1779E-01 | -7.8629E-02 | 5.8727E+00 | 3.9201E+00 |
| 13.8 | 1.1695E-01 | -7.8096E-02 | 5.9136E+00 | 3.9489E+00 |
| 13.9 | 1.1612E-01 | -7.7571E-02 | 5.9545E+00 | 3.9776E+00 |
| 14.0 | 1.1531E-01 | -7.7053E-02 | 5.9953E+00 | 4.0064E+00 |
| 14.1 | 1.1450E-01 | -7.6542E-02 | 6.0362E+00 | 4.0351E+00 |
| 14.2 | 1.1371E-01 | -7.6037E-02 | 6.0771E+00 | 4.0639E+00 |
| 14.3 | 1.1292E-01 | -7.5539E-02 | 6.1180E+00 | 4.0926E+00 |
| 14.4 | 1.1215E-01 | -7.5047E-02 | 6.1588E+00 | 4.1213E+00 |
| 14.5 | 1.1139E-01 | -7.4562E-02 | 6.1997E+00 | 4.1501E+00 |
| 14.6 | 1.1063E-01 | -7.4083E-02 | 6.2406E+00 | 4.1788E+00 |
| 14.7 | 1.0989E-01 | -7.3610E-02 | 6.2815E+00 | 4.2076E+00 |
| 14.8 | 1.0916E-01 | -7.3142E-02 | 6.3224E+00 | 4.2363E+00 |
| 14.9 | 1.0844E-01 | -7.2681E-02 | 6.3633E+00 | 4.2651E+00 |
| 15.0 | 1.0772E-01 | -7.2226E-02 | 6.4041E+00 | 4.2938E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 15.0 | 1.0772E-01 | -7.2226E-02 | 6.4041E+00 | 4.2938E+00 |
| 15.1 | 1.0702E-01 | -7.1776E-02 | 6.4450E+00 | 4.3225E+00 |
| 15.2 | 1.0633E-01 | -7.1332E-02 | 6.4859E+00 | 4.3513E+00 |
| 15.3 | 1.0564E-01 | -7.0893E-02 | 6.5268E+00 | 4.3800E+00 |
| 15.4 | 1.0496E-01 | -7.0459E-02 | 6.5677E+00 | 4.4087E+00 |
| 15.5 | 1.0429E-01 | -7.0031E-02 | 6.6086E+00 | 4.4375E+00 |
| 15.6 | 1.0363E-01 | -6.9608E-02 | 6.6495E+00 | 4.4662E+00 |
| 15.7 | 1.0298E-01 | -6.9190E-02 | 6.6904E+00 | 4.4949E+00 |
| 15.8 | 1.0234E-01 | -6.8777E-02 | 6.7313E+00 | 4.5237E+00 |
| 15.9 | 1.0170E-01 | -6.8368E-02 | 6.7722E+00 | 4.5524E+00 |
| 16.0 | 1.0108E-01 | -6.7965E-02 | 6.8130E+00 | 4.5811E+00 |
| 16.1 | 1.0046E-01 | -6.7566E-02 | 6.8539E+00 | 4.6099E+00 |
| 16.2 | 9.9845E-02 | -6.7172E-02 | 6.8948E+00 | 4.6386E+00 |
| 16.3 | 9.9240E-02 | -6.6783E-02 | 6.9357E+00 | 4.6673E+00 |
| 16.4 | 9.8643E-02 | -6.6398E-02 | 6.9766E+00 | 4.6961E+00 |
| 16.5 | 9.8052E-02 | -6.6017E-02 | 7.0175E+00 | 4.7248E+00 |
| 16.6 | 9.7469E-02 | -6.5641E-02 | 7.0584E+00 | 4.7535E+00 |
| 16.7 | 9.6892E-02 | -6.5268E-02 | 7.0993E+00 | 4.7822E+00 |
| 16.8 | 9.6323E-02 | -6.4901E-02 | 7.1402E+00 | 4.8110E+00 |
| 16.9 | 9.5760E-02 | -6.4537E-02 | 7.1811E+00 | 4.8397E+00 |
| 17.0 | 9.5203E-02 | -6.4177E-02 | 7.2220E+00 | 4.8684E+00 |
| 17.1 | 9.4653E-02 | -6.3821E-02 | 7.2629E+00 | 4.8971E+00 |
| 17.2 | 9.4109E-02 | -6.3469E-02 | 7.3038E+00 | 4.9259E+00 |
| 17.3 | 9.3572E-02 | -6.3121E-02 | 7.3447E+00 | 4.9546E+00 |
| 17.4 | 9.3040E-02 | -6.2777E-02 | 7.3856E+00 | 4.9833E+00 |
| 17.5 | 9.2515E-02 | -6.2436E-02 | 7.4266E+00 | 5.0120E+00 |
| 17.6 | 9.1995E-02 | -6.2100E-02 | 7.4675E+00 | 5.0407E+00 |
| 17.7 | 9.1482E-02 | -6.1766E-02 | 7.5084E+00 | 5.0695E+00 |
| 17.8 | 9.0974E-02 | -6.1437E-02 | 7.5493E+00 | 5.0982E+00 |
| 17.9 | 9.0471E-02 | -6.1110E-02 | 7.5902E+00 | 5.1269E+00 |
| 18.0 | 8.9974E-02 | -6.0787E-02 | 7.6311E+00 | 5.1556E+00 |
| 18.1 | 8.9483E-02 | -6.0468E-02 | 7.6720E+00 | 5.1843E+00 |
| 18.2 | 8.8997E-02 | -6.0152E-02 | 7.7129E+00 | 5.2131E+00 |
| 18.3 | 8.8516E-02 | -5.9839E-02 | 7.7538E+00 | 5.2418E+00 |
| 18.4 | 8.8040E-02 | -5.9530E-02 | 7.7947E+00 | 5.2705E+00 |
| 18.5 | 8.7570E-02 | -5.9223E-02 | 7.8356E+00 | 5.2992E+00 |
| 18.6 | 8.7104E-02 | -5.8920E-02 | 7.8765E+00 | 5.3279E+00 |
| 18.7 | 8.6643E-02 | -5.8620E-02 | 7.9175E+00 | 5.3566E+00 |
| 18.8 | 8.6188E-02 | -5.8322E-02 | 7.9584E+00 | 5.3854E+00 |
| 18.9 | 8.5737E-02 | -5.8028E-02 | 7.9993E+00 | 5.4141E+00 |
| 19.0 | 8.5290E-02 | -5.7737E-02 | 8.0402E+00 | 5.4428E+00 |
| 19.1 | 8.4848E-02 | -5.7449E-02 | 8.0811E+00 | 5.4715E+00 |
| 19.2 | 8.4411E-02 | -5.7163E-02 | 8.1220E+00 | 5.5002E+00 |
| 19.3 | 8.3979E-02 | -5.6880E-02 | 8.1629E+00 | 5.5289E+00 |
| 19.4 | 8.3550E-02 | -5.6601E-02 | 8.2039E+00 | 5.5576E+00 |
| 19.5 | 8.3126E-02 | -5.6323E-02 | 8.2448E+00 | 5.5864E+00 |
| 19.6 | 8.2707E-02 | -5.6049E-02 | 8.2857E+00 | 5.6151E+00 |
| 19.7 | 8.2291E-02 | -5.5777E-02 | 8.3266E+00 | 5.6438E+00 |
| 19.8 | 8.1880E-02 | -5.5508E-02 | 8.3675E+00 | 5.6725E+00 |
| 19.9 | 8.1473E-02 | -5.5241E-02 | 8.4084E+00 | 5.7012E+00 |
| 20.0 | 8.1070E-02 | -5.4977E-02 | 8.4493E+00 | 5.7299E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|-----|------------|-------------|------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 1.0000E+00 | 0.0000E-01 |
| 0.1 | 9.9978E-01 | -1.2303E-03 | 1.0002E+00 | 1.2308E-03 |
| 0.2 | 9.9910E-01 | -4.9124E-03 | 1.0009E+00 | 4.9212E-03 |
| 0.3 | 9.9789E-01 | -1.1019E-02 | 1.0020E+00 | 1.1064E-02 |
| 0.4 | 9.9603E-01 | -1.9501E-02 | 1.0036E+00 | 1.9649E-02 |
| 0.5 | 9.9338E-01 | -3.0283E-02 | 1.0057E+00 | 3.0660E-02 |
| 0.6 | 9.8974E-01 | -4.3255E-02 | 1.0084E+00 | 4.4073E-02 |
| 0.7 | 9.8490E-01 | -5.8268E-02 | 1.0118E+00 | 5.9859E-02 |
| 0.8 | 9.7863E-01 | -7.5126E-02 | 1.0159E+00 | 7.7984E-02 |
| 0.9 | 9.7070E-01 | -9.3579E-02 | 1.0207E+00 | 9.8400E-02 |
| 1.0 | 9.6089E-01 | -1.1332E-01 | 1.0264E+00 | 1.2105E-01 |
| 1.1 | 9.4903E-01 | -1.3400E-01 | 1.0331E+00 | 1.4588E-01 |
| 1.2 | 9.3498E-01 | -1.5522E-01 | 1.0409E+00 | 1.7279E-01 |
| 1.3 | 9.1868E-01 | -1.7653E-01 | 1.0498E+00 | 2.0172E-01 |
| 1.4 | 9.0015E-01 | -1.9749E-01 | 1.0599E+00 | 2.3254E-01 |
| 1.5 | 8.7949E-01 | -2.1765E-01 | 1.0714E+00 | 2.6515E-01 |
| 1.6 | 8.5689E-01 | -2.3661E-01 | 1.0843E+00 | 2.9941E-01 |
| 1.7 | 8.3263E-01 | -2.5400E-01 | 1.0988E+00 | 3.3519E-01 |
| 1.8 | 8.0702E-01 | -2.6954E-01 | 1.1148E+00 | 3.7233E-01 |
| 1.9 | 7.8043E-01 | -2.8302E-01 | 1.1324E+00 | 4.1067E-01 |
| 2.0 | 7.5326E-01 | -2.9434E-01 | 1.1517E+00 | 4.5003E-01 |
| 2.1 | 7.2587E-01 | -3.0345E-01 | 1.1727E+00 | 4.9025E-01 |
| 2.2 | 6.9862E-01 | -3.1042E-01 | 1.1954E+00 | 5.3115E-01 |
| 2.3 | 6.7183E-01 | -3.1536E-01 | 1.2197E+00 | 5.7254E-01 |
| 2.4 | 6.4574E-01 | -3.1842E-01 | 1.2457E+00 | 6.1427E-01 |
| 2.5 | 6.2058E-01 | -3.1981E-01 | 1.2733E+00 | 6.5616E-01 |
| 2.6 | 5.9649E-01 | -3.1973E-01 | 1.3023E+00 | 6.9806E-01 |
| 2.7 | 5.7357E-01 | -3.1840E-01 | 1.3328E+00 | 7.3984E-01 |
| 2.8 | 5.5189E-01 | -3.1602E-01 | 1.3645E+00 | 7.8137E-01 |
| 2.9 | 5.3145E-01 | -3.1280E-01 | 1.3975E+00 | 8.2254E-01 |
| 3.0 | 5.1226E-01 | -3.0891E-01 | 1.4316E+00 | 8.6328E-01 |
| 3.1 | 4.9427E-01 | -3.0451E-01 | 1.4666E+00 | 9.0352E-01 |
| 3.2 | 4.7744E-01 | -2.9973E-01 | 1.5024E+00 | 9.4319E-01 |
| 3.3 | 4.6170E-01 | -2.9470E-01 | 1.5389E+00 | 9.8228E-01 |
| 3.4 | 4.4699E-01 | -2.8950E-01 | 1.5761E+00 | 1.0208E+00 |
| 3.5 | 4.3323E-01 | -2.8422E-01 | 1.6137E+00 | 1.0587E+00 |
| 3.6 | 4.2036E-01 | -2.7892E-01 | 1.6517E+00 | 1.0960E+00 |
| 3.7 | 4.0830E-01 | -2.7365E-01 | 1.6900E+00 | 1.1327E+00 |
| 3.8 | 3.9698E-01 | -2.6845E-01 | 1.7286E+00 | 1.1689E+00 |
| 3.9 | 3.8635E-01 | -2.6334E-01 | 1.7673E+00 | 1.2046E+00 |
| 4.0 | 3.7634E-01 | -2.5835E-01 | 1.8060E+00 | 1.2399E+00 |
| 4.1 | 3.6689E-01 | -2.5350E-01 | 1.8449E+00 | 1.2747E+00 |
| 4.2 | 3.5797E-01 | -2.4879E-01 | 1.8837E+00 | 1.3091E+00 |
| 4.3 | 3.4952E-01 | -2.4422E-01 | 1.9225E+00 | 1.3433E+00 |
| 4.4 | 3.4150E-01 | -2.3980E-01 | 1.9612E+00 | 1.3771E+00 |
| 4.5 | 3.3389E-01 | -2.3552E-01 | 1.9999E+00 | 1.4107E+00 |
| 4.6 | 3.2663E-01 | -2.3139E-01 | 2.0385E+00 | 1.4441E+00 |
| 4.7 | 3.1971E-01 | -2.2740E-01 | 2.0770E+00 | 1.4774E+00 |
| 4.8 | 3.1309E-01 | -2.2355E-01 | 2.1155E+00 | 1.5104E+00 |
| 4.9 | 3.0677E-01 | -2.1982E-01 | 2.1539E+00 | 1.5434E+00 |
| 5.0 | 3.0070E-01 | -2.1622E-01 | 2.1922E+00 | 1.5763E+00 |

40.0 DEG

PAGE 110

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 5.0 | 3.0070E-01 | -2.1622E-01 | 2.1922E+00 | 1.5763E+00 |
| 5.1 | 2.9488E-01 | -2.1273E-01 | 2.2304E+00 | 1.6090E+00 |
| 5.2 | 2.8929E-01 | -2.0936E-01 | 2.2685E+00 | 1.6418E+00 |
| 5.3 | 2.8392E-01 | -2.0610E-01 | 2.3067E+00 | 1.6744E+00 |
| 5.4 | 2.7874E-01 | -2.0294E-01 | 2.3447E+00 | 1.7071E+00 |
| 5.5 | 2.7375E-01 | -1.9987E-01 | 2.3827E+00 | 1.7397E+00 |
| 5.6 | 2.6894E-01 | -1.9690E-01 | 2.4207E+00 | 1.7723E+00 |
| 5.7 | 2.6430E-01 | -1.9402E-01 | 2.4587E+00 | 1.8049E+00 |
| 5.8 | 2.5981E-01 | -1.9121E-01 | 2.4966E+00 | 1.8375E+00 |
| 5.9 | 2.5547E-01 | -1.8849E-01 | 2.5346E+00 | 1.8701E+00 |
| 6.0 | 2.5128E-01 | -1.8585E-01 | 2.5725E+00 | 1.9026E+00 |
| 6.1 | 2.4722E-01 | -1.8327E-01 | 2.6104E+00 | 1.9352E+00 |
| 6.2 | 2.4329E-01 | -1.8077E-01 | 2.6483E+00 | 1.9677E+00 |
| 6.3 | 2.3948E-01 | -1.7833E-01 | 2.6862E+00 | 2.0003E+00 |
| 6.4 | 2.3579E-01 | -1.7595E-01 | 2.7242E+00 | 2.0329E+00 |
| 6.5 | 2.3221E-01 | -1.7363E-01 | 2.7621E+00 | 2.0654E+00 |
| 6.6 | 2.2873E-01 | -1.7138E-01 | 2.8000E+00 | 2.0979E+00 |
| 6.7 | 2.2536E-01 | -1.6918E-01 | 2.8380E+00 | 2.1305E+00 |
| 6.8 | 2.2209E-01 | -1.6703E-01 | 2.8760E+00 | 2.1630E+00 |
| 6.9 | 2.1891E-01 | -1.6494E-01 | 2.9139E+00 | 2.1955E+00 |
| 7.0 | 2.1581E-01 | -1.6289E-01 | 2.9519E+00 | 2.2281E+00 |
| 7.1 | 2.1281E-01 | -1.6090E-01 | 2.9899E+00 | 2.2606E+00 |
| 7.2 | 2.0989E-01 | -1.5895E-01 | 3.0279E+00 | 2.2931E+00 |
| 7.3 | 2.0704E-01 | -1.5705E-01 | 3.0659E+00 | 2.3256E+00 |
| 7.4 | 2.0428E-01 | -1.5519E-01 | 3.1039E+00 | 2.3580E+00 |
| 7.5 | 2.0158E-01 | -1.5337E-01 | 3.1420E+00 | 2.3905E+00 |
| 7.6 | 1.9896E-01 | -1.5159E-01 | 3.1800E+00 | 2.4230E+00 |
| 7.7 | 1.9640E-01 | -1.4986E-01 | 3.2181E+00 | 2.4554E+00 |
| 7.8 | 1.9391E-01 | -1.4816E-01 | 3.2561E+00 | 2.4879E+00 |
| 7.9 | 1.9148E-01 | -1.4650E-01 | 3.2942E+00 | 2.5203E+00 |
| 8.0 | 1.8911E-01 | -1.4487E-01 | 3.3323E+00 | 2.5527E+00 |
| 8.1 | 1.8680E-01 | -1.4328E-01 | 3.3703E+00 | 2.5851E+00 |
| 8.2 | 1.8455E-01 | -1.4173E-01 | 3.4084E+00 | 2.6176E+00 |
| 8.3 | 1.8235E-01 | -1.4020E-01 | 3.4465E+00 | 2.6500E+00 |
| 8.4 | 1.8020E-01 | -1.3871E-01 | 3.4846E+00 | 2.6824E+00 |
| 8.5 | 1.7810E-01 | -1.3725E-01 | 3.5227E+00 | 2.7147E+00 |
| 8.6 | 1.7605E-01 | -1.3582E-01 | 3.5608E+00 | 2.7471E+00 |
| 8.7 | 1.7405E-01 | -1.3442E-01 | 3.5989E+00 | 2.7795E+00 |
| 8.8 | 1.7209E-01 | -1.3304E-01 | 3.6371E+00 | 2.8119E+00 |
| 8.9 | 1.7017E-01 | -1.3170E-01 | 3.6752E+00 | 2.8442E+00 |
| 9.0 | 1.6830E-01 | -1.3038E-01 | 3.7133E+00 | 2.8766E+00 |
| 9.1 | 1.6647E-01 | -1.2908E-01 | 3.7514E+00 | 2.9089E+00 |
| 9.2 | 1.6468E-01 | -1.2782E-01 | 3.7896E+00 | 2.9413E+00 |
| 9.3 | 1.6293E-01 | -1.2657E-01 | 3.8277E+00 | 2.9736E+00 |
| 9.4 | 1.6121E-01 | -1.2535E-01 | 3.8658E+00 | 3.0059E+00 |
| 9.5 | 1.5953E-01 | -1.2415E-01 | 3.9040E+00 | 3.0383E+00 |
| 9.6 | 1.5788E-01 | -1.2298E-01 | 3.9421E+00 | 3.0706E+00 |
| 9.7 | 1.5627E-01 | -1.2182E-01 | 3.9803E+00 | 3.1029E+00 |
| 9.8 | 1.5469E-01 | -1.2069E-01 | 4.0184E+00 | 3.1352E+00 |
| 9.9 | 1.5314E-01 | -1.1958E-01 | 4.0566E+00 | 3.1675E+00 |
| 10.0 | 1.5162E-01 | -1.1849E-01 | 4.0947E+00 | 3.1998E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 10.0 | 1.5162E-01 | -1.1849E-01 | 4.0947E+00 | 3.1998E+00 |
| 10.1 | 1.5014E-01 | -1.1741E-01 | 4.1329E+00 | 3.2321E+00 |
| 10.2 | 1.4868E-01 | -1.1636E-01 | 4.1711E+00 | 3.2644E+00 |
| 10.3 | 1.4725E-01 | -1.1533E-01 | 4.2092E+00 | 3.2967E+00 |
| 10.4 | 1.4585E-01 | -1.1431E-01 | 4.2474E+00 | 3.3290E+00 |
| 10.5 | 1.4447E-01 | -1.1331E-01 | 4.2856E+00 | 3.3613E+00 |
| 10.6 | 1.4312E-01 | -1.1233E-01 | 4.3237E+00 | 3.3936E+00 |
| 10.7 | 1.4179E-01 | -1.1136E-01 | 4.3619E+00 | 3.4259E+00 |
| 10.8 | 1.4049E-01 | -1.1041E-01 | 4.4001E+00 | 3.4581E+00 |
| 10.9 | 1.3921E-01 | -1.0948E-01 | 4.4383E+00 | 3.4904E+00 |
| 11.0 | 1.3796E-01 | -1.0856E-01 | 4.4764E+00 | 3.5227E+00 |
| 11.1 | 1.3673E-01 | -1.0766E-01 | 4.5146E+00 | 3.5550E+00 |
| 11.2 | 1.3552E-01 | -1.0677E-01 | 4.5528E+00 | 3.5872E+00 |
| 11.3 | 1.3433E-01 | -1.0590E-01 | 4.5910E+00 | 3.6195E+00 |
| 11.4 | 1.3316E-01 | -1.0504E-01 | 4.6292E+00 | 3.6517E+00 |
| 11.5 | 1.3201E-01 | -1.0420E-01 | 4.6674E+00 | 3.6840E+00 |
| 11.6 | 1.3088E-01 | -1.0336E-01 | 4.7056E+00 | 3.7163E+00 |
| 11.7 | 1.2977E-01 | -1.0255E-01 | 4.7438E+00 | 3.7485E+00 |
| 11.8 | 1.2868E-01 | -1.0174E-01 | 4.7820E+00 | 3.7808E+00 |
| 11.9 | 1.2761E-01 | -1.0095E-01 | 4.8202E+00 | 3.8130E+00 |
| 12.0 | 1.2655E-01 | -1.0016E-01 | 4.8584E+00 | 3.8453E+00 |
| 12.1 | 1.2552E-01 | -9.9394E-02 | 4.8966E+00 | 3.8775E+00 |
| 12.2 | 1.2450E-01 | -9.8636E-02 | 4.9348E+00 | 3.9098E+00 |
| 12.3 | 1.2349E-01 | -9.7890E-02 | 4.9730E+00 | 3.9420E+00 |
| 12.4 | 1.2250E-01 | -9.7154E-02 | 5.0112E+00 | 3.9742E+00 |
| 12.5 | 1.2153E-01 | -9.6430E-02 | 5.0494E+00 | 4.0065E+00 |
| 12.6 | 1.2057E-01 | -9.5716E-02 | 5.0876E+00 | 4.0387E+00 |
| 12.7 | 1.1963E-01 | -9.5012E-02 | 5.1258E+00 | 4.0710E+00 |
| 12.8 | 1.1870E-01 | -9.4319E-02 | 5.1640E+00 | 4.1032E+00 |
| 12.9 | 1.1779E-01 | -9.3636E-02 | 5.2022E+00 | 4.1354E+00 |
| 13.0 | 1.1689E-01 | -9.2962E-02 | 5.2405E+00 | 4.1677E+00 |
| 13.1 | 1.1601E-01 | -9.2298E-02 | 5.2787E+00 | 4.1999E+00 |
| 13.2 | 1.1513E-01 | -9.1644E-02 | 5.3169E+00 | 4.2321E+00 |
| 13.3 | 1.1427E-01 | -9.0998E-02 | 5.3551E+00 | 4.2643E+00 |
| 13.4 | 1.1343E-01 | -9.0362E-02 | 5.3933E+00 | 4.2966E+00 |
| 13.5 | 1.1259E-01 | -8.9734E-02 | 5.4316E+00 | 4.3288E+00 |
| 13.6 | 1.1177E-01 | -8.9115E-02 | 5.4698E+00 | 4.3610E+00 |
| 13.7 | 1.1096E-01 | -8.8504E-02 | 5.5080E+00 | 4.3932E+00 |
| 13.8 | 1.1016E-01 | -8.7902E-02 | 5.5462E+00 | 4.4254E+00 |
| 13.9 | 1.0938E-01 | -8.7308E-02 | 5.5845E+00 | 4.4577E+00 |
| 14.0 | 1.0860E-01 | -8.6722E-02 | 5.6227E+00 | 4.4899E+00 |
| 14.1 | 1.0784E-01 | -8.6143E-02 | 5.6609E+00 | 4.5221E+00 |
| 14.2 | 1.0708E-01 | -8.5572E-02 | 5.6991E+00 | 4.5543E+00 |
| 14.3 | 1.0634E-01 | -8.5009E-02 | 5.7374E+00 | 4.5865E+00 |
| 14.4 | 1.0561E-01 | -8.4453E-02 | 5.7756E+00 | 4.6187E+00 |
| 14.5 | 1.0488E-01 | -8.3904E-02 | 5.8138E+00 | 4.6509E+00 |
| 14.6 | 1.0417E-01 | -8.3362E-02 | 5.8521E+00 | 4.6832E+00 |
| 14.7 | 1.0347E-01 | -8.2827E-02 | 5.8903E+00 | 4.7154E+00 |
| 14.8 | 1.0277E-01 | -8.2299E-02 | 5.9285E+00 | 4.7476E+00 |
| 14.9 | 1.0209E-01 | -8.1777E-02 | 5.9668E+00 | 4.7798E+00 |
| 15.0 | 1.0141E-01 | -8.1263E-02 | 6.0050E+00 | 4.8120E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 15.0 | 1.0141E-01 | -8.1263E-02 | 6.0050E+00 | 4.8120E+00 |
| 15.1 | 1.0074E-01 | -8.0754E-02 | 6.0432E+00 | 4.8442E+00 |
| 15.2 | 1.0008E-01 | -8.0252E-02 | 6.0815E+00 | 4.8764E+00 |
| 15.3 | 9.9434E-02 | -7.9756E-02 | 6.1197E+00 | 4.9086E+00 |
| 15.4 | 9.8793E-02 | -7.9266E-02 | 6.1580E+00 | 4.9408E+00 |
| 15.5 | 9.8160E-02 | -7.8782E-02 | 6.1962E+00 | 4.9730E+00 |
| 15.6 | 9.7535E-02 | -7.8304E-02 | 6.2344E+00 | 5.0052E+00 |
| 15.7 | 9.6917E-02 | -7.7831E-02 | 6.2727E+00 | 5.0374E+00 |
| 15.8 | 9.6308E-02 | -7.7365E-02 | 6.3109E+00 | 5.0696E+00 |
| 15.9 | 9.5706E-02 | -7.6903E-02 | 6.3492E+00 | 5.1018E+00 |
| 16.0 | 9.5112E-02 | -7.6448E-02 | 6.3874E+00 | 5.1340E+00 |
| 16.1 | 9.4525E-02 | -7.5997E-02 | 6.4257E+00 | 5.1662E+00 |
| 16.2 | 9.3945E-02 | -7.5552E-02 | 6.4639E+00 | 5.1984E+00 |
| 16.3 | 9.3372E-02 | -7.5112E-02 | 6.5022E+00 | 5.2306E+00 |
| 16.4 | 9.2806E-02 | -7.4677E-02 | 6.5404E+00 | 5.2628E+00 |
| 16.5 | 9.2247E-02 | -7.4247E-02 | 6.5787E+00 | 5.2950E+00 |
| 16.6 | 9.1695E-02 | -7.3822E-02 | 6.6169E+00 | 5.3272E+00 |
| 16.7 | 9.1149E-02 | -7.3402E-02 | 6.6552E+00 | 5.3594E+00 |
| 16.8 | 9.0610E-02 | -7.2986E-02 | 6.6934E+00 | 5.3915E+00 |
| 16.9 | 9.0077E-02 | -7.2576E-02 | 6.7317E+00 | 5.4237E+00 |
| 17.0 | 8.9551E-02 | -7.2169E-02 | 6.7699E+00 | 5.4559E+00 |
| 17.1 | 8.9030E-02 | -7.1768E-02 | 6.8082E+00 | 5.4881E+00 |
| 17.2 | 8.8515E-02 | -7.1370E-02 | 6.8464E+00 | 5.5203E+00 |
| 17.3 | 8.8007E-02 | -7.0978E-02 | 6.8847E+00 | 5.5525E+00 |
| 17.4 | 8.7504E-02 | -7.0589E-02 | 6.9229E+00 | 5.5847E+00 |
| 17.5 | 8.7007E-02 | -7.0205E-02 | 6.9612E+00 | 5.6169E+00 |
| 17.6 | 8.6516E-02 | -6.9824E-02 | 6.9994E+00 | 5.6490E+00 |
| 17.7 | 8.6030E-02 | -6.9448E-02 | 7.0377E+00 | 5.6812E+00 |
| 17.8 | 8.5549E-02 | -6.9076E-02 | 7.0759E+00 | 5.7134E+00 |
| 17.9 | 8.5074E-02 | -6.8708E-02 | 7.1142E+00 | 5.7456E+00 |
| 18.0 | 8.4604E-02 | -6.8343E-02 | 7.1525E+00 | 5.7778E+00 |
| 18.1 | 8.4139E-02 | -6.7983E-02 | 7.1907E+00 | 5.8100E+00 |
| 18.2 | 8.3680E-02 | -6.7626E-02 | 7.2290E+00 | 5.8422E+00 |
| 18.3 | 8.3225E-02 | -6.7273E-02 | 7.2672E+00 | 5.8743E+00 |
| 18.4 | 8.2775E-02 | -6.6924E-02 | 7.3055E+00 | 5.9065E+00 |
| 18.5 | 8.2330E-02 | -6.6578E-02 | 7.3437E+00 | 5.9387E+00 |
| 18.6 | 8.1890E-02 | -6.6236E-02 | 7.3820E+00 | 5.9709E+00 |
| 18.7 | 8.1455E-02 | -6.5897E-02 | 7.4203E+00 | 6.0031E+00 |
| 18.8 | 8.1024E-02 | -6.5562E-02 | 7.4585E+00 | 6.0352E+00 |
| 18.9 | 8.0597E-02 | -6.5230E-02 | 7.4968E+00 | 6.0674E+00 |
| 19.0 | 8.0175E-02 | -6.4902E-02 | 7.5351E+00 | 6.0996E+00 |
| 19.1 | 7.9758E-02 | -6.4576E-02 | 7.5733E+00 | 6.1318E+00 |
| 19.2 | 7.9345E-02 | -6.4254E-02 | 7.6116E+00 | 6.1640E+00 |
| 19.3 | 7.8936E-02 | -6.3936E-02 | 7.6498E+00 | 6.1961E+00 |
| 19.4 | 7.8531E-02 | -6.3620E-02 | 7.6881E+00 | 6.2283E+00 |
| 19.5 | 7.8131E-02 | -6.3307E-02 | 7.7264E+00 | 6.2605E+00 |
| 19.6 | 7.7734E-02 | -6.2998E-02 | 7.7646E+00 | 6.2927E+00 |
| 19.7 | 7.7342E-02 | -6.2691E-02 | 7.8029E+00 | 6.3248E+00 |
| 19.8 | 7.6953E-02 | -6.2388E-02 | 7.8412E+00 | 6.3570E+00 |
| 19.9 | 7.6568E-02 | -6.2087E-02 | 7.8794E+00 | 6.3892E+00 |
| 20.0 | 7.6188E-02 | -6.1789E-02 | 7.9177E+00 | 6.4214E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|-----|------------|-------------|------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 1.0000E+00 | 0.0000E-01 |
| 0.1 | 1.0000E+00 | -1.2500E-03 | 1.0000E+00 | 1.2500E-03 |
| 0.2 | 9.9997E-01 | -4.9998E-03 | 1.0000E+00 | 5.0000E-03 |
| 0.3 | 9.9983E-01 | -1.1247E-02 | 1.0000E+00 | 1.1250E-02 |
| 0.4 | 9.9947E-01 | -1.9985E-02 | 1.0001E+00 | 1.9999E-02 |
| 0.5 | 9.9870E-01 | -3.1194E-02 | 1.0003E+00 | 3.1245E-02 |
| 0.6 | 9.9731E-01 | -4.4834E-02 | 1.0007E+00 | 4.4985E-02 |
| 0.7 | 9.9503E-01 | -6.0832E-02 | 1.0012E+00 | 6.1212E-02 |
| 0.8 | 9.9157E-01 | -7.9073E-02 | 1.0021E+00 | 7.9915E-02 |
| 0.9 | 9.8659E-01 | -9.9384E-02 | 1.0034E+00 | 1.0108E-01 |
| 1.0 | 9.7977E-01 | -1.2152E-01 | 1.0052E+00 | 1.2468E-01 |
| 1.1 | 9.7077E-01 | -1.4517E-01 | 1.0076E+00 | 1.5068E-01 |
| 1.2 | 9.5930E-01 | -1.6993E-01 | 1.0107E+00 | 1.7904E-01 |
| 1.3 | 9.4515E-01 | -1.9532E-01 | 1.0147E+00 | 2.0970E-01 |
| 1.4 | 9.2815E-01 | -2.2081E-01 | 1.0197E+00 | 2.4259E-01 |
| 1.5 | 9.0830E-01 | -2.4582E-01 | 1.0258E+00 | 2.7762E-01 |
| 1.6 | 8.8568E-01 | -2.6976E-01 | 1.0332E+00 | 3.1470E-01 |
| 1.7 | 8.6052E-01 | -2.9207E-01 | 1.0420E+00 | 3.5368E-01 |
| 1.8 | 8.3318E-01 | -3.1227E-01 | 1.0524E+00 | 3.9443E-01 |
| 1.9 | 8.0409E-01 | -3.2997E-01 | 1.0644E+00 | 4.3679E-01 |
| 2.0 | 7.7378E-01 | -3.4490E-01 | 1.0782E+00 | 4.8057E-01 |
| 2.1 | 7.4277E-01 | -3.5692E-01 | 1.0938E+00 | 5.2558E-01 |
| 2.2 | 7.1160E-01 | -3.6603E-01 | 1.1113E+00 | 5.7161E-01 |
| 2.3 | 6.8075E-01 | -3.7235E-01 | 1.1307E+00 | 6.1845E-01 |
| 2.4 | 6.5065E-01 | -3.7606E-01 | 1.1521E+00 | 6.6587E-01 |
| 2.5 | 6.2163E-01 | -3.7743E-01 | 1.1754E+00 | 7.1364E-01 |
| 2.6 | 5.9395E-01 | -3.7677E-01 | 1.2006E+00 | 7.6156E-01 |
| 2.7 | 5.6778E-01 | -3.7439E-01 | 1.2275E+00 | 8.0942E-01 |
| 2.8 | 5.4322E-01 | -3.7060E-01 | 1.2562E+00 | 8.5702E-01 |
| 2.9 | 5.2030E-01 | -3.6570E-01 | 1.2864E+00 | 9.0420E-01 |
| 3.0 | 4.9901E-01 | -3.5996E-01 | 1.3181E+00 | 9.5081E-01 |
| 3.1 | 4.7930E-01 | -3.5361E-01 | 1.3510E+00 | 9.9674E-01 |
| 3.2 | 4.6109E-01 | -3.4685E-01 | 1.3850E+00 | 1.0419E+00 |
| 3.3 | 4.4428E-01 | -3.3984E-01 | 1.4200E+00 | 1.0862E+00 |
| 3.4 | 4.2876E-01 | -3.3272E-01 | 1.4557E+00 | 1.1296E+00 |
| 3.5 | 4.1444E-01 | -3.2559E-01 | 1.4920E+00 | 1.1722E+00 |
| 3.6 | 4.0119E-01 | -3.1854E-01 | 1.5288E+00 | 1.2138E+00 |
| 3.7 | 3.8892E-01 | -3.1163E-01 | 1.5659E+00 | 1.2547E+00 |
| 3.8 | 3.7753E-01 | -3.0490E-01 | 1.6031E+00 | 1.2947E+00 |
| 3.9 | 3.6693E-01 | -2.9838E-01 | 1.6405E+00 | 1.3340E+00 |
| 4.0 | 3.5704E-01 | -2.9209E-01 | 1.6779E+00 | 1.3726E+00 |
| 4.1 | 3.4778E-01 | -2.8604E-01 | 1.7152E+00 | 1.4107E+00 |
| 4.2 | 3.3908E-01 | -2.8023E-01 | 1.7523E+00 | 1.4482E+00 |
| 4.3 | 3.3089E-01 | -2.7466E-01 | 1.7893E+00 | 1.4853E+00 |
| 4.4 | 3.2315E-01 | -2.6932E-01 | 1.8261E+00 | 1.5219E+00 |
| 4.5 | 3.1582E-01 | -2.6420E-01 | 1.8628E+00 | 1.5583E+00 |
| 4.6 | 3.0886E-01 | -2.5930E-01 | 1.8991E+00 | 1.5944E+00 |
| 4.7 | 3.0223E-01 | -2.5460E-01 | 1.9353E+00 | 1.6304E+00 |
| 4.8 | 2.9590E-01 | -2.5009E-01 | 1.9713E+00 | 1.6661E+00 |
| 4.9 | 2.8985E-01 | -2.4576E-01 | 2.0071E+00 | 1.7018E+00 |
| 5.0 | 2.8406E-01 | -2.4160E-01 | 2.0427E+00 | 1.7374E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 5.0 | 2.8406E-01 | -2.4160E-01 | 2.0427E+00 | 1.7374E+00 |
| 5.1 | 2.7849E-01 | -2.3759E-01 | 2.0782E+00 | 1.7730E+00 |
| 5.2 | 2.7315E-01 | -2.3373E-01 | 2.1135E+00 | 1.8085E+00 |
| 5.3 | 2.6800E-01 | -2.3000E-01 | 2.1488E+00 | 1.8440E+00 |
| 5.4 | 2.6305E-01 | -2.2640E-01 | 2.1839E+00 | 1.8796E+00 |
| 5.5 | 2.5827E-01 | -2.2291E-01 | 2.2189E+00 | 1.9151E+00 |
| 5.6 | 2.5366E-01 | -2.1954E-01 | 2.2539E+00 | 1.9507E+00 |
| 5.7 | 2.4921E-01 | -2.1627E-01 | 2.2889E+00 | 1.9864E+00 |
| 5.8 | 2.4490E-01 | -2.1310E-01 | 2.3238E+00 | 2.0220E+00 |
| 5.9 | 2.4074E-01 | -2.1002E-01 | 2.3587E+00 | 2.0577E+00 |
| 6.0 | 2.3671E-01 | -2.0703E-01 | 2.3936E+00 | 2.0934E+00 |
| 6.1 | 2.3282E-01 | -2.0412E-01 | 2.4285E+00 | 2.1292E+00 |
| 6.2 | 2.2904E-01 | -2.0129E-01 | 2.4634E+00 | 2.1649E+00 |
| 6.3 | 2.2539E-01 | -1.9854E-01 | 2.4983E+00 | 2.2007E+00 |
| 6.4 | 2.2184E-01 | -1.9586E-01 | 2.5332E+00 | 2.2365E+00 |
| 6.5 | 2.1840E-01 | -1.9324E-01 | 2.5682E+00 | 2.2723E+00 |
| 6.6 | 2.1507E-01 | -1.9070E-01 | 2.6031E+00 | 2.3081E+00 |
| 6.7 | 2.1184E-01 | -1.8821E-01 | 2.6381E+00 | 2.3439E+00 |
| 6.8 | 2.0870E-01 | -1.8579E-01 | 2.6731E+00 | 2.3797E+00 |
| 6.9 | 2.0565E-01 | -1.8343E-01 | 2.7081E+00 | 2.4155E+00 |
| 7.0 | 2.0269E-01 | -1.8112E-01 | 2.7432E+00 | 2.4513E+00 |
| 7.1 | 1.9981E-01 | -1.7887E-01 | 2.7783E+00 | 2.4871E+00 |
| 7.2 | 1.9702E-01 | -1.7667E-01 | 2.8133E+00 | 2.5228E+00 |
| 7.3 | 1.9430E-01 | -1.7453E-01 | 2.8484E+00 | 2.5586E+00 |
| 7.4 | 1.9165E-01 | -1.7243E-01 | 2.8835E+00 | 2.5944E+00 |
| 7.5 | 1.8908E-01 | -1.7039E-01 | 2.9187E+00 | 2.6301E+00 |
| 7.6 | 1.8658E-01 | -1.6839E-01 | 2.9538E+00 | 2.6658E+00 |
| 7.7 | 1.8414E-01 | -1.6643E-01 | 2.9890E+00 | 2.7015E+00 |
| 7.8 | 1.8176E-01 | -1.6452E-01 | 3.0241E+00 | 2.7372E+00 |
| 7.9 | 1.7945E-01 | -1.6265E-01 | 3.0593E+00 | 2.7729E+00 |
| 8.0 | 1.7719E-01 | -1.6082E-01 | 3.0944E+00 | 2.8086E+00 |
| 8.1 | 1.7499E-01 | -1.5904E-01 | 3.1296E+00 | 2.8442E+00 |
| 8.2 | 1.7285E-01 | -1.5729E-01 | 3.1648E+00 | 2.8799E+00 |
| 8.3 | 1.7076E-01 | -1.5558E-01 | 3.2000E+00 | 2.9155E+00 |
| 8.4 | 1.6871E-01 | -1.5390E-01 | 3.2352E+00 | 2.9511E+00 |
| 8.5 | 1.6672E-01 | -1.5226E-01 | 3.2704E+00 | 2.9868E+00 |
| 8.6 | 1.6477E-01 | -1.5066E-01 | 3.3056E+00 | 3.0224E+00 |
| 8.7 | 1.6287E-01 | -1.4908E-01 | 3.3408E+00 | 3.0580E+00 |
| 8.8 | 1.6101E-01 | -1.4754E-01 | 3.3760E+00 | 3.0936E+00 |
| 8.9 | 1.5919E-01 | -1.4603E-01 | 3.4112E+00 | 3.1292E+00 |
| 9.0 | 1.5742E-01 | -1.4455E-01 | 3.4464E+00 | 3.1647E+00 |
| 9.1 | 1.5568E-01 | -1.4310E-01 | 3.4816E+00 | 3.2003E+00 |
| 9.2 | 1.5398E-01 | -1.4168E-01 | 3.5168E+00 | 3.2359E+00 |
| 9.3 | 1.5232E-01 | -1.4029E-01 | 3.5520E+00 | 3.2714E+00 |
| 9.4 | 1.5070E-01 | -1.3892E-01 | 3.5872E+00 | 3.3070E+00 |
| 9.5 | 1.4910E-01 | -1.3758E-01 | 3.6225E+00 | 3.3425E+00 |
| 9.6 | 1.4755E-01 | -1.3627E-01 | 3.6577E+00 | 3.3781E+00 |
| 9.7 | 1.4602E-01 | -1.3498E-01 | 3.6929E+00 | 3.4136E+00 |
| 9.8 | 1.4452E-01 | -1.3371E-01 | 3.7281E+00 | 3.4492E+00 |
| 9.9 | 1.4306E-01 | -1.3247E-01 | 3.7633E+00 | 3.4847E+00 |
| 10.0 | 1.4163E-01 | -1.3125E-01 | 3.7986E+00 | 3.5202E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 10.0 | 1.4163E-01 | -1.3125E-01 | 3.7986E+00 | 3.5202E+00 |
| 10.1 | 1.4022E-01 | -1.3005E-01 | 3.8338E+00 | 3.5558E+00 |
| 10.2 | 1.3884E-01 | -1.2887E-01 | 3.8690E+00 | 3.5913E+00 |
| 10.3 | 1.3749E-01 | -1.2772E-01 | 3.9043E+00 | 3.6268E+00 |
| 10.4 | 1.3616E-01 | -1.2658E-01 | 3.9395E+00 | 3.6623E+00 |
| 10.5 | 1.3486E-01 | -1.2547E-01 | 3.9748E+00 | 3.6978E+00 |
| 10.6 | 1.3359E-01 | -1.2437E-01 | 4.0100E+00 | 3.7334E+00 |
| 10.7 | 1.3233E-01 | -1.2329E-01 | 4.0452E+00 | 3.7689E+00 |
| 10.8 | 1.3111E-01 | -1.2223E-01 | 4.0805E+00 | 3.8044E+00 |
| 10.9 | 1.2990E-01 | -1.2119E-01 | 4.1157E+00 | 3.8399E+00 |
| 11.0 | 1.2872E-01 | -1.2017E-01 | 4.1510E+00 | 3.8754E+00 |
| 11.1 | 1.2755E-01 | -1.1916E-01 | 4.1862E+00 | 3.9109E+00 |
| 11.2 | 1.2641E-01 | -1.1817E-01 | 4.2215E+00 | 3.9463E+00 |
| 11.3 | 1.2529E-01 | -1.1720E-01 | 4.2567E+00 | 3.9818E+00 |
| 11.4 | 1.2419E-01 | -1.1624E-01 | 4.2920E+00 | 4.0173E+00 |
| 11.5 | 1.2311E-01 | -1.1530E-01 | 4.3273E+00 | 4.0528E+00 |
| 11.6 | 1.2204E-01 | -1.1437E-01 | 4.3625E+00 | 4.0883E+00 |
| 11.7 | 1.2100E-01 | -1.1346E-01 | 4.3978E+00 | 4.1238E+00 |
| 11.8 | 1.1997E-01 | -1.1256E-01 | 4.4330E+00 | 4.1592E+00 |
| 11.9 | 1.1896E-01 | -1.1168E-01 | 4.4683E+00 | 4.1947E+00 |
| 12.0 | 1.1797E-01 | -1.1081E-01 | 4.5036E+00 | 4.2302E+00 |
| 12.1 | 1.1699E-01 | -1.0995E-01 | 4.5388E+00 | 4.2657E+00 |
| 12.2 | 1.1603E-01 | -1.0910E-01 | 4.5741E+00 | 4.3011E+00 |
| 12.3 | 1.1508E-01 | -1.0827E-01 | 4.6094E+00 | 4.3366E+00 |
| 12.4 | 1.1415E-01 | -1.0745E-01 | 4.6446E+00 | 4.3721E+00 |
| 12.5 | 1.1324E-01 | -1.0665E-01 | 4.6799E+00 | 4.4075E+00 |
| 12.6 | 1.1234E-01 | -1.0585E-01 | 4.7152E+00 | 4.4430E+00 |
| 12.7 | 1.1145E-01 | -1.0507E-01 | 4.7505E+00 | 4.4784E+00 |
| 12.8 | 1.1058E-01 | -1.0430E-01 | 4.7857E+00 | 4.5139E+00 |
| 12.9 | 1.0972E-01 | -1.0354E-01 | 4.8210E+00 | 4.5494E+00 |
| 13.0 | 1.0888E-01 | -1.0279E-01 | 4.8563E+00 | 4.5848E+00 |
| 13.1 | 1.0804E-01 | -1.0205E-01 | 4.8916E+00 | 4.6203E+00 |
| 13.2 | 1.0722E-01 | -1.0132E-01 | 4.9269E+00 | 4.6557E+00 |
| 13.3 | 1.0642E-01 | -1.0060E-01 | 4.9621E+00 | 4.6912E+00 |
| 13.4 | 1.0562E-01 | -9.9896E-02 | 4.9974E+00 | 4.7266E+00 |
| 13.5 | 1.0484E-01 | -9.9199E-02 | 5.0327E+00 | 4.7621E+00 |
| 13.6 | 1.0406E-01 | -9.8510E-02 | 5.0680E+00 | 4.7975E+00 |
| 13.7 | 1.0330E-01 | -9.7831E-02 | 5.1033E+00 | 4.8329E+00 |
| 13.8 | 1.0255E-01 | -9.7162E-02 | 5.1386E+00 | 4.8684E+00 |
| 13.9 | 1.0182E-01 | -9.6501E-02 | 5.1739E+00 | 4.9038E+00 |
| 14.0 | 1.0109E-01 | -9.5849E-02 | 5.2091E+00 | 4.9393E+00 |
| 14.1 | 1.0037E-01 | -9.5206E-02 | 5.2444E+00 | 4.9747E+00 |
| 14.2 | 9.9661E-02 | -9.4572E-02 | 5.2797E+00 | 5.0101E+00 |
| 14.3 | 9.8963E-02 | -9.3946E-02 | 5.3150E+00 | 5.0456E+00 |
| 14.4 | 9.8275E-02 | -9.3328E-02 | 5.3503E+00 | 5.0810E+00 |
| 14.5 | 9.7596E-02 | -9.2718E-02 | 5.3856E+00 | 5.1164E+00 |
| 14.6 | 9.6927E-02 | -9.2116E-02 | 5.4209E+00 | 5.1519E+00 |
| 14.7 | 9.6266E-02 | -9.1522E-02 | 5.4562E+00 | 5.1873E+00 |
| 14.8 | 9.5615E-02 | -9.0936E-02 | 5.4915E+00 | 5.2227E+00 |
| 14.9 | 9.4973E-02 | -9.0356E-02 | 5.5268E+00 | 5.2582E+00 |
| 15.0 | 9.4339E-02 | -8.9785E-02 | 5.5621E+00 | 5.2936E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 15.0 | 9.4339E-02 | -8.9785E-02 | 5.5621E+00 | 5.2936E+00 |
| 15.1 | 9.3713E-02 | -8.9220E-02 | 5.5974E+00 | 5.3290E+00 |
| 15.2 | 9.3096E-02 | -8.8662E-02 | 5.6327E+00 | 5.3644E+00 |
| 15.3 | 9.2486E-02 | -8.8111E-02 | 5.6680E+00 | 5.3999E+00 |
| 15.4 | 9.1885E-02 | -8.7567E-02 | 5.7033E+00 | 5.4353E+00 |
| 15.5 | 9.1292E-02 | -8.7030E-02 | 5.7386E+00 | 5.4707E+00 |
| 15.6 | 9.0706E-02 | -8.6499E-02 | 5.7739E+00 | 5.5061E+00 |
| 15.7 | 9.0127E-02 | -8.5975E-02 | 5.8092E+00 | 5.5415E+00 |
| 15.8 | 8.9556E-02 | -8.5457E-02 | 5.8445E+00 | 5.5770E+00 |
| 15.9 | 8.8992E-02 | -8.4945E-02 | 5.8798E+00 | 5.6124E+00 |
| 16.0 | 8.8436E-02 | -8.4439E-02 | 5.9151E+00 | 5.6478E+00 |
| 16.1 | 8.7886E-02 | -8.3939E-02 | 5.9504E+00 | 5.6832E+00 |
| 16.2 | 8.7343E-02 | -8.3445E-02 | 5.9857E+00 | 5.7186E+00 |
| 16.3 | 8.6806E-02 | -8.2957E-02 | 6.0210E+00 | 5.7540E+00 |
| 16.4 | 8.6276E-02 | -8.2475E-02 | 6.0563E+00 | 5.7895E+00 |
| 16.5 | 8.5753E-02 | -8.1998E-02 | 6.0916E+00 | 5.8249E+00 |
| 16.6 | 8.5236E-02 | -8.1526E-02 | 6.1269E+00 | 5.8603E+00 |
| 16.7 | 8.4725E-02 | -8.1060E-02 | 6.1622E+00 | 5.8957E+00 |
| 16.8 | 8.4220E-02 | -8.0599E-02 | 6.1975E+00 | 5.9311E+00 |
| 16.9 | 8.3721E-02 | -8.0144E-02 | 6.2329E+00 | 5.9665E+00 |
| 17.0 | 8.3228E-02 | -7.9693E-02 | 6.2682E+00 | 6.0019E+00 |
| 17.1 | 8.2741E-02 | -7.9248E-02 | 6.3035E+00 | 6.0373E+00 |
| 17.2 | 8.2259E-02 | -7.8807E-02 | 6.3388E+00 | 6.0727E+00 |
| 17.3 | 8.1784E-02 | -7.8371E-02 | 6.3741E+00 | 6.1082E+00 |
| 17.4 | 8.1313E-02 | -7.7940E-02 | 6.4094E+00 | 6.1436E+00 |
| 17.5 | 8.0848E-02 | -7.7514E-02 | 6.4447E+00 | 6.1790E+00 |
| 17.6 | 8.0388E-02 | -7.7093E-02 | 6.4800E+00 | 6.2144E+00 |
| 17.7 | 7.9934E-02 | -7.6675E-02 | 6.5153E+00 | 6.2498E+00 |
| 17.8 | 7.9484E-02 | -7.6263E-02 | 6.5507E+00 | 6.2852E+00 |
| 17.9 | 7.9040E-02 | -7.5855E-02 | 6.5860E+00 | 6.3206E+00 |
| 18.0 | 7.8600E-02 | -7.5451E-02 | 6.6213E+00 | 6.3560E+00 |
| 18.1 | 7.8166E-02 | -7.5051E-02 | 6.6566E+00 | 6.3914E+00 |
| 18.2 | 7.7736E-02 | -7.4656E-02 | 6.6919E+00 | 6.4268E+00 |
| 18.3 | 7.7311E-02 | -7.4265E-02 | 6.7272E+00 | 6.4622E+00 |
| 18.4 | 7.6890E-02 | -7.3878E-02 | 6.7626E+00 | 6.4976E+00 |
| 18.5 | 7.6474E-02 | -7.3494E-02 | 6.7979E+00 | 6.5330E+00 |
| 18.6 | 7.6063E-02 | -7.3115E-02 | 6.8332E+00 | 6.5684E+00 |
| 18.7 | 7.5656E-02 | -7.2740E-02 | 6.8685E+00 | 6.6038E+00 |
| 18.8 | 7.5253E-02 | -7.2368E-02 | 6.9038E+00 | 6.6392E+00 |
| 18.9 | 7.4854E-02 | -7.2001E-02 | 6.9391E+00 | 6.6746E+00 |
| 19.0 | 7.4460E-02 | -7.1637E-02 | 6.9745E+00 | 6.7100E+00 |
| 19.1 | 7.4070E-02 | -7.1276E-02 | 7.0098E+00 | 6.7454E+00 |
| 19.2 | 7.3684E-02 | -7.0919E-02 | 7.0451E+00 | 6.7808E+00 |
| 19.3 | 7.3302E-02 | -7.0566E-02 | 7.0804E+00 | 6.8162E+00 |
| 19.4 | 7.2924E-02 | -7.0216E-02 | 7.1157E+00 | 6.8516E+00 |
| 19.5 | 7.2549E-02 | -6.9870E-02 | 7.1511E+00 | 6.8870E+00 |
| 19.6 | 7.2179E-02 | -6.9527E-02 | 7.1864E+00 | 6.9224E+00 |
| 19.7 | 7.1812E-02 | -6.9188E-02 | 7.2217E+00 | 6.9578E+00 |
| 19.8 | 7.1449E-02 | -6.8851E-02 | 7.2570E+00 | 6.9932E+00 |
| 19.9 | 7.1090E-02 | -6.8518E-02 | 7.2923E+00 | 7.0286E+00 |
| 20.0 | 7.0734E-02 | -6.8189E-02 | 7.3277E+00 | 7.0639E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|-----|------------|-------------|------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 1.0000E+00 | 0.0000E-01 |
| 0.1 | 1.0002E+00 | -1.2317E-03 | 9.9978E-01 | 1.2312E-03 |
| 0.2 | 1.0008E+00 | -4.9352E-03 | 9.9914E-01 | 4.9269E-03 |
| 0.3 | 1.0018E+00 | -1.1135E-02 | 9.9809E-01 | 1.1093E-02 |
| 0.4 | 1.0030E+00 | -1.9866E-02 | 9.9665E-01 | 1.9741E-02 |
| 0.5 | 1.0042E+00 | -3.1171E-02 | 9.9488E-01 | 3.0882E-02 |
| 0.6 | 1.0052E+00 | -4.5089E-02 | 9.9283E-01 | 4.4534E-02 |
| 0.7 | 1.0058E+00 | -6.1645E-02 | 9.9056E-01 | 6.0713E-02 |
| 0.8 | 1.0055E+00 | -8.0832E-02 | 9.8815E-01 | 7.9438E-02 |
| 0.9 | 1.0040E+00 | -1.0260E-01 | 9.8571E-01 | 1.0073E-01 |
| 1.0 | 1.0009E+00 | -1.2681E-01 | 9.8333E-01 | 1.2459E-01 |
| 1.1 | 9.9562E-01 | -1.5326E-01 | 9.8115E-01 | 1.5103E-01 |
| 1.2 | 9.8774E-01 | -1.8162E-01 | 9.7930E-01 | 1.8006E-01 |
| 1.3 | 9.7680E-01 | -2.1142E-01 | 9.7793E-01 | 2.1167E-01 |
| 1.4 | 9.6242E-01 | -2.4210E-01 | 9.7721E-01 | 2.4582E-01 |
| 1.5 | 9.4432E-01 | -2.7296E-01 | 9.7731E-01 | 2.8249E-01 |
| 1.6 | 9.2240E-01 | -3.0319E-01 | 9.7842E-01 | 3.2161E-01 |
| 1.7 | 8.9673E-01 | -3.3200E-01 | 9.8073E-01 | 3.6310E-01 |
| 1.8 | 8.6762E-01 | -3.5857E-01 | 9.8443E-01 | 4.0684E-01 |
| 1.9 | 8.3556E-01 | -3.8220E-01 | 9.8972E-01 | 4.5272E-01 |
| 2.0 | 8.0119E-01 | -4.0233E-01 | 9.9679E-01 | 5.0055E-01 |
| 2.1 | 7.6528E-01 | -4.1859E-01 | 1.0058E+00 | 5.5014E-01 |
| 2.2 | 7.2864E-01 | -4.3083E-01 | 1.0169E+00 | 6.0127E-01 |
| 2.3 | 6.9204E-01 | -4.3910E-01 | 1.0302E+00 | 6.5369E-01 |
| 2.4 | 6.5618E-01 | -4.4364E-01 | 1.0459E+00 | 7.0712E-01 |
| 2.5 | 6.2164E-01 | -4.4481E-01 | 1.0639E+00 | 7.6128E-01 |
| 2.6 | 5.8887E-01 | -4.4307E-01 | 1.0843E+00 | 8.1585E-01 |
| 2.7 | 5.5815E-01 | -4.3890E-01 | 1.1071E+00 | 8.7054E-01 |
| 2.8 | 5.2966E-01 | -4.3279E-01 | 1.1321E+00 | 9.2506E-01 |
| 2.9 | 5.0346E-01 | -4.2522E-01 | 1.1593E+00 | 9.7913E-01 |
| 3.0 | 4.7951E-01 | -4.1658E-01 | 1.1885E+00 | 1.0325E+00 |
| 3.1 | 4.5772E-01 | -4.0725E-01 | 1.2194E+00 | 1.0850E+00 |
| 3.2 | 4.3796E-01 | -3.9752E-01 | 1.2519E+00 | 1.1363E+00 |
| 3.3 | 4.2007E-01 | -3.8763E-01 | 1.2857E+00 | 1.1865E+00 |
| 3.4 | 4.0386E-01 | -3.7777E-01 | 1.3206E+00 | 1.2353E+00 |
| 3.5 | 3.8918E-01 | -3.6807E-01 | 1.3563E+00 | 1.2828E+00 |
| 3.6 | 3.7584E-01 | -3.5865E-01 | 1.3926E+00 | 1.3289E+00 |
| 3.7 | 3.6369E-01 | -3.4957E-01 | 1.4292E+00 | 1.3737E+00 |
| 3.8 | 3.5258E-01 | -3.4088E-01 | 1.4660E+00 | 1.4173E+00 |
| 3.9 | 3.4238E-01 | -3.3259E-01 | 1.5027E+00 | 1.4598E+00 |
| 4.0 | 3.3297E-01 | -3.2473E-01 | 1.5393E+00 | 1.5012E+00 |
| 4.1 | 3.2424E-01 | -3.1727E-01 | 1.5756E+00 | 1.5417E+00 |
| 4.2 | 3.1611E-01 | -3.1022E-01 | 1.6115E+00 | 1.5814E+00 |
| 4.3 | 3.0850E-01 | -3.0355E-01 | 1.6470E+00 | 1.6206E+00 |
| 4.4 | 3.0133E-01 | -2.9724E-01 | 1.6820E+00 | 1.6591E+00 |
| 4.5 | 2.9456E-01 | -2.9127E-01 | 1.7165E+00 | 1.6973E+00 |
| 4.6 | 2.8813E-01 | -2.8561E-01 | 1.7506E+00 | 1.7353E+00 |
| 4.7 | 2.8201E-01 | -2.8023E-01 | 1.7842E+00 | 1.7730E+00 |
| 4.8 | 2.7615E-01 | -2.7511E-01 | 1.8174E+00 | 1.8106E+00 |
| 4.9 | 2.7054E-01 | -2.7023E-01 | 1.8503E+00 | 1.8481E+00 |
| 5.0 | 2.6515E-01 | -2.6557E-01 | 1.8828E+00 | 1.8857E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 5.0 | 2.6515E-01 | -2.6557E-01 | 1.8828E+00 | 1.8857E+00 |
| 5.1 | 2.5996E-01 | -2.6110E-01 | 1.9150E+00 | 1.9234E+00 |
| 5.2 | 2.5495E-01 | -2.5681E-01 | 1.9469E+00 | 1.9611E+00 |
| 5.3 | 2.5012E-01 | -2.5268E-01 | 1.9787E+00 | 1.9989E+00 |
| 5.4 | 2.4545E-01 | -2.4869E-01 | 2.0103E+00 | 2.0369E+00 |
| 5.5 | 2.4094E-01 | -2.4485E-01 | 2.0418E+00 | 2.0750E+00 |
| 5.6 | 2.3657E-01 | -2.4112E-01 | 2.0732E+00 | 2.1132E+00 |
| 5.7 | 2.3234E-01 | -2.3751E-01 | 2.1046E+00 | 2.1515E+00 |
| 5.8 | 2.2824E-01 | -2.3401E-01 | 2.1360E+00 | 2.1900E+00 |
| 5.9 | 2.2428E-01 | -2.3061E-01 | 2.1673E+00 | 2.2285E+00 |
| 6.0 | 2.2043E-01 | -2.2730E-01 | 2.1987E+00 | 2.2672E+00 |
| 6.1 | 2.1671E-01 | -2.2408E-01 | 2.2301E+00 | 2.3059E+00 |
| 6.2 | 2.1311E-01 | -2.2094E-01 | 2.2616E+00 | 2.3447E+00 |
| 6.3 | 2.0962E-01 | -2.1789E-01 | 2.2931E+00 | 2.3835E+00 |
| 6.4 | 2.0623E-01 | -2.1491E-01 | 2.3246E+00 | 2.4224E+00 |
| 6.5 | 2.0295E-01 | -2.1200E-01 | 2.3562E+00 | 2.4613E+00 |
| 6.6 | 1.9977E-01 | -2.0917E-01 | 2.3879E+00 | 2.5002E+00 |
| 6.7 | 1.9669E-01 | -2.0640E-01 | 2.4196E+00 | 2.5391E+00 |
| 6.8 | 1.9370E-01 | -2.0371E-01 | 2.4514E+00 | 2.5781E+00 |
| 6.9 | 1.9080E-01 | -2.0108E-01 | 2.4832E+00 | 2.6169E+00 |
| 7.0 | 1.8799E-01 | -1.9851E-01 | 2.5151E+00 | 2.6558E+00 |
| 7.1 | 1.8526E-01 | -1.9600E-01 | 2.5470E+00 | 2.6947E+00 |
| 7.2 | 1.8260E-01 | -1.9355E-01 | 2.5789E+00 | 2.7335E+00 |
| 7.3 | 1.8003E-01 | -1.9116E-01 | 2.6108E+00 | 2.7723E+00 |
| 7.4 | 1.7753E-01 | -1.8883E-01 | 2.6428E+00 | 2.8111E+00 |
| 7.5 | 1.7509E-01 | -1.8655E-01 | 2.6748E+00 | 2.8499E+00 |
| 7.6 | 1.7273E-01 | -1.8433E-01 | 2.7068E+00 | 2.8886E+00 |
| 7.7 | 1.7043E-01 | -1.8216E-01 | 2.7388E+00 | 2.9273E+00 |
| 7.8 | 1.6819E-01 | -1.8003E-01 | 2.7709E+00 | 2.9660E+00 |
| 7.9 | 1.6601E-01 | -1.7796E-01 | 2.8029E+00 | 3.0047E+00 |
| 8.0 | 1.6388E-01 | -1.7593E-01 | 2.8349E+00 | 3.0433E+00 |
| 8.1 | 1.6181E-01 | -1.7395E-01 | 2.8670E+00 | 3.0819E+00 |
| 8.2 | 1.5980E-01 | -1.7201E-01 | 2.8990E+00 | 3.1205E+00 |
| 8.3 | 1.5783E-01 | -1.7011E-01 | 2.9310E+00 | 3.1591E+00 |
| 8.4 | 1.5591E-01 | -1.6826E-01 | 2.9631E+00 | 3.1977E+00 |
| 8.5 | 1.5404E-01 | -1.6644E-01 | 2.9951E+00 | 3.2362E+00 |
| 8.6 | 1.5221E-01 | -1.6466E-01 | 3.0271E+00 | 3.2748E+00 |
| 8.7 | 1.5043E-01 | -1.6292E-01 | 3.0592E+00 | 3.3133E+00 |
| 8.8 | 1.4868E-01 | -1.6122E-01 | 3.0912E+00 | 3.3519E+00 |
| 8.9 | 1.4698E-01 | -1.5955E-01 | 3.1232E+00 | 3.3904E+00 |
| 9.0 | 1.4532E-01 | -1.5792E-01 | 3.1552E+00 | 3.4289E+00 |
| 9.1 | 1.4369E-01 | -1.5632E-01 | 3.1872E+00 | 3.4674E+00 |
| 9.2 | 1.4210E-01 | -1.5475E-01 | 3.2193E+00 | 3.5059E+00 |
| 9.3 | 1.4054E-01 | -1.5321E-01 | 3.2513E+00 | 3.5444E+00 |
| 9.4 | 1.3902E-01 | -1.5171E-01 | 3.2833E+00 | 3.5830E+00 |
| 9.5 | 1.3753E-01 | -1.5023E-01 | 3.3153E+00 | 3.6215E+00 |
| 9.6 | 1.3607E-01 | -1.4878E-01 | 3.3473E+00 | 3.6599E+00 |
| 9.7 | 1.3464E-01 | -1.4736E-01 | 3.3794E+00 | 3.6984E+00 |
| 9.8 | 1.3325E-01 | -1.4596E-01 | 3.4114E+00 | 3.7369E+00 |
| 9.9 | 1.3188E-01 | -1.4459E-01 | 3.4434E+00 | 3.7754E+00 |
| 10.0 | 1.3054E-01 | -1.4325E-01 | 3.4754E+00 | 3.8139E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 10.0 | 1.3054E-01 | -1.4325E-01 | 3.4754E+00 | 3.8139E+00 |
| 10.1 | 1.2922E-01 | -1.4193E-01 | 3.5075E+00 | 3.8524E+00 |
| 10.2 | 1.2793E-01 | -1.4063E-01 | 3.5395E+00 | 3.8909E+00 |
| 10.3 | 1.2667E-01 | -1.3936E-01 | 3.5715E+00 | 3.9293E+00 |
| 10.4 | 1.2543E-01 | -1.3811E-01 | 3.6036E+00 | 3.9678E+00 |
| 10.5 | 1.2422E-01 | -1.3688E-01 | 3.6356E+00 | 4.0063E+00 |
| 10.6 | 1.2303E-01 | -1.3568E-01 | 3.6676E+00 | 4.0447E+00 |
| 10.7 | 1.2186E-01 | -1.3449E-01 | 3.6997E+00 | 4.0832E+00 |
| 10.8 | 1.2071E-01 | -1.3333E-01 | 3.7317E+00 | 4.1217E+00 |
| 10.9 | 1.1959E-01 | -1.3218E-01 | 3.7638E+00 | 4.1601E+00 |
| 11.0 | 1.1849E-01 | -1.3106E-01 | 3.7958E+00 | 4.1986E+00 |
| 11.1 | 1.1740E-01 | -1.2995E-01 | 3.8279E+00 | 4.2370E+00 |
| 11.2 | 1.1634E-01 | -1.2886E-01 | 3.8599E+00 | 4.2755E+00 |
| 11.3 | 1.1529E-01 | -1.2779E-01 | 3.8920E+00 | 4.3139E+00 |
| 11.4 | 1.1427E-01 | -1.2674E-01 | 3.9240E+00 | 4.3524E+00 |
| 11.5 | 1.1326E-01 | -1.2570E-01 | 3.9561E+00 | 4.3908E+00 |
| 11.6 | 1.1227E-01 | -1.2468E-01 | 3.9882E+00 | 4.4292E+00 |
| 11.7 | 1.1129E-01 | -1.2368E-01 | 4.0202E+00 | 4.4677E+00 |
| 11.8 | 1.1034E-01 | -1.2270E-01 | 4.0523E+00 | 4.5061E+00 |
| 11.9 | 1.0940E-01 | -1.2172E-01 | 4.0843E+00 | 4.5445E+00 |
| 12.0 | 1.0847E-01 | -1.2077E-01 | 4.1164E+00 | 4.5830E+00 |
| 12.1 | 1.0757E-01 | -1.1983E-01 | 4.1485E+00 | 4.6214E+00 |
| 12.2 | 1.0667E-01 | -1.1890E-01 | 4.1805E+00 | 4.6598E+00 |
| 12.3 | 1.0579E-01 | -1.1799E-01 | 4.2126E+00 | 4.6982E+00 |
| 12.4 | 1.0493E-01 | -1.1709E-01 | 4.2447E+00 | 4.7366E+00 |
| 12.5 | 1.0408E-01 | -1.1621E-01 | 4.2767E+00 | 4.7751E+00 |
| 12.6 | 1.0324E-01 | -1.1533E-01 | 4.3088E+00 | 4.8135E+00 |
| 12.7 | 1.0242E-01 | -1.1447E-01 | 4.3409E+00 | 4.8519E+00 |
| 12.8 | 1.0161E-01 | -1.1363E-01 | 4.3729E+00 | 4.8903E+00 |
| 12.9 | 1.0081E-01 | -1.1279E-01 | 4.4050E+00 | 4.9287E+00 |
| 13.0 | 1.0002E-01 | -1.1197E-01 | 4.4371E+00 | 4.9671E+00 |
| 13.1 | 9.9252E-02 | -1.1116E-01 | 4.4692E+00 | 5.0055E+00 |
| 13.2 | 9.8491E-02 | -1.1036E-01 | 4.5012E+00 | 5.0439E+00 |
| 13.3 | 9.7741E-02 | -1.0958E-01 | 4.5333E+00 | 5.0823E+00 |
| 13.4 | 9.7003E-02 | -1.0880E-01 | 4.5654E+00 | 5.1207E+00 |
| 13.5 | 9.6276E-02 | -1.0804E-01 | 4.5975E+00 | 5.1591E+00 |
| 13.6 | 9.5560E-02 | -1.0728E-01 | 4.6295E+00 | 5.1975E+00 |
| 13.7 | 9.4854E-02 | -1.0654E-01 | 4.6616E+00 | 5.2359E+00 |
| 13.8 | 9.4158E-02 | -1.0581E-01 | 4.6937E+00 | 5.2743E+00 |
| 13.9 | 9.3473E-02 | -1.0508E-01 | 4.7258E+00 | 5.3127E+00 |
| 14.0 | 9.2798E-02 | -1.0437E-01 | 4.7579E+00 | 5.3511E+00 |
| 14.1 | 9.2132E-02 | -1.0366E-01 | 4.7900E+00 | 5.3895E+00 |
| 14.2 | 9.1476E-02 | -1.0297E-01 | 4.8220E+00 | 5.4278E+00 |
| 14.3 | 9.0829E-02 | -1.0228E-01 | 4.8541E+00 | 5.4662E+00 |
| 14.4 | 9.0192E-02 | -1.0161E-01 | 4.8862E+00 | 5.5046E+00 |
| 14.5 | 8.9563E-02 | -1.0094E-01 | 4.9183E+00 | 5.5430E+00 |
| 14.6 | 8.8943E-02 | -1.0028E-01 | 4.9504E+00 | 5.5814E+00 |
| 14.7 | 8.8331E-02 | -9.9629E-02 | 4.9825E+00 | 5.6198E+00 |
| 14.8 | 8.7728E-02 | -9.8987E-02 | 5.0145E+00 | 5.6581E+00 |
| 14.9 | 8.7133E-02 | -9.8353E-02 | 5.0466E+00 | 5.6965E+00 |
| 15.0 | 8.6546E-02 | -9.7728E-02 | 5.0787E+00 | 5.7349E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 15.0 | 8.6546E-02 | -9.7728E-02 | 5.0787E+00 | 5.7349E+00 |
| 15.1 | 8.5967E-02 | -9.7110E-02 | 5.1108E+00 | 5.7733E+00 |
| 15.2 | 8.5395E-02 | -9.6499E-02 | 5.1429E+00 | 5.8117E+00 |
| 15.3 | 8.4831E-02 | -9.5897E-02 | 5.1750E+00 | 5.8500E+00 |
| 15.4 | 8.4275E-02 | -9.5302E-02 | 5.2071E+00 | 5.8884E+00 |
| 15.5 | 8.3725E-02 | -9.4714E-02 | 5.2392E+00 | 5.9268E+00 |
| 15.6 | 8.3183E-02 | -9.4133E-02 | 5.2713E+00 | 5.9652E+00 |
| 15.7 | 8.2648E-02 | -9.3559E-02 | 5.3034E+00 | 6.0035E+00 |
| 15.8 | 8.2120E-02 | -9.2993E-02 | 5.3355E+00 | 6.0419E+00 |
| 15.9 | 8.1598E-02 | -9.2433E-02 | 5.3676E+00 | 6.0803E+00 |
| 16.0 | 8.1083E-02 | -9.1880E-02 | 5.3996E+00 | 6.1186E+00 |
| 16.1 | 8.0575E-02 | -9.1333E-02 | 5.4317E+00 | 6.1570E+00 |
| 16.2 | 8.0073E-02 | -9.0793E-02 | 5.4638E+00 | 6.1954E+00 |
| 16.3 | 7.9577E-02 | -9.0259E-02 | 5.4959E+00 | 6.2337E+00 |
| 16.4 | 7.9087E-02 | -8.9732E-02 | 5.5280E+00 | 6.2721E+00 |
| 16.5 | 7.8603E-02 | -8.9210E-02 | 5.5601E+00 | 6.3105E+00 |
| 16.6 | 7.8125E-02 | -8.8695E-02 | 5.5922E+00 | 6.3488E+00 |
| 16.7 | 7.7653E-02 | -8.8185E-02 | 5.6243E+00 | 6.3872E+00 |
| 16.8 | 7.7186E-02 | -8.7682E-02 | 5.6564E+00 | 6.4255E+00 |
| 16.9 | 7.6725E-02 | -8.7184E-02 | 5.6885E+00 | 6.4639E+00 |
| 17.0 | 7.6270E-02 | -8.6691E-02 | 5.7206E+00 | 6.5023E+00 |
| 17.1 | 7.5820E-02 | -8.6204E-02 | 5.7527E+00 | 6.5406E+00 |
| 17.2 | 7.5375E-02 | -8.5723E-02 | 5.7848E+00 | 6.5790E+00 |
| 17.3 | 7.4935E-02 | -8.5247E-02 | 5.8169E+00 | 6.6173E+00 |
| 17.4 | 7.4501E-02 | -8.4776E-02 | 5.8490E+00 | 6.6557E+00 |
| 17.5 | 7.4071E-02 | -8.4310E-02 | 5.8811E+00 | 6.6941E+00 |
| 17.6 | 7.3647E-02 | -8.3849E-02 | 5.9132E+00 | 6.7324E+00 |
| 17.7 | 7.3227E-02 | -8.3394E-02 | 5.9453E+00 | 6.7708E+00 |
| 17.8 | 7.2812E-02 | -8.2943E-02 | 5.9774E+00 | 6.8091E+00 |
| 17.9 | 7.2402E-02 | -8.2497E-02 | 6.0095E+00 | 6.8475E+00 |
| 18.0 | 7.1996E-02 | -8.2056E-02 | 6.0416E+00 | 6.8858E+00 |
| 18.1 | 7.1595E-02 | -8.1620E-02 | 6.0737E+00 | 6.9242E+00 |
| 18.2 | 7.1198E-02 | -8.1188E-02 | 6.1059E+00 | 6.9625E+00 |
| 18.3 | 7.0806E-02 | -8.0761E-02 | 6.1380E+00 | 7.0009E+00 |
| 18.4 | 7.0418E-02 | -8.0338E-02 | 6.1701E+00 | 7.0392E+00 |
| 18.5 | 7.0034E-02 | -7.9919E-02 | 6.2022E+00 | 7.0776E+00 |
| 18.6 | 6.9655E-02 | -7.9505E-02 | 6.2343E+00 | 7.1159E+00 |
| 18.7 | 6.9279E-02 | -7.9095E-02 | 6.2664E+00 | 7.1543E+00 |
| 18.8 | 6.8907E-02 | -7.8690E-02 | 6.2985E+00 | 7.1926E+00 |
| 18.9 | 6.8540E-02 | -7.8288E-02 | 6.3306E+00 | 7.2310E+00 |
| 19.0 | 6.8176E-02 | -7.7891E-02 | 6.3627E+00 | 7.2693E+00 |
| 19.1 | 6.7816E-02 | -7.7497E-02 | 6.3948E+00 | 7.3077E+00 |
| 19.2 | 6.7460E-02 | -7.7108E-02 | 6.4269E+00 | 7.3460E+00 |
| 19.3 | 6.7108E-02 | -7.6722E-02 | 6.4590E+00 | 7.3844E+00 |
| 19.4 | 6.6760E-02 | -7.6341E-02 | 6.4911E+00 | 7.4227E+00 |
| 19.5 | 6.6414E-02 | -7.5963E-02 | 6.5232E+00 | 7.4611E+00 |
| 19.6 | 6.6073E-02 | -7.5588E-02 | 6.5554E+00 | 7.4994E+00 |
| 19.7 | 6.5735E-02 | -7.5218E-02 | 6.5875E+00 | 7.5378E+00 |
| 19.8 | 6.5400E-02 | -7.4851E-02 | 6.6196E+00 | 7.5761E+00 |
| 19.9 | 6.5069E-02 | -7.4487E-02 | 6.6517E+00 | 7.6144E+00 |
| 20.0 | 6.4741E-02 | -7.4127E-02 | 6.6838E+00 | 7.6528E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|-----|------------|-------------|------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 1.0000E+00 | 0.0000E-01 |
| 0.1 | 1.0004E+00 | -1.1760E-03 | 9.9957E-01 | 1.1750E-03 |
| 0.2 | 1.0017E+00 | -4.7198E-03 | 9.9830E-01 | 4.7038E-03 |
| 0.3 | 1.0037E+00 | -1.0679E-02 | 9.9618E-01 | 1.0599E-02 |
| 0.4 | 1.0064E+00 | -1.9129E-02 | 9.9326E-01 | 1.8879E-02 |
| 0.5 | 1.0096E+00 | -3.0172E-02 | 9.8957E-01 | 2.9572E-02 |
| 0.6 | 1.0132E+00 | -4.3928E-02 | 9.8514E-01 | 4.2712E-02 |
| 0.7 | 1.0168E+00 | -6.0525E-02 | 9.8004E-01 | 5.8340E-02 |
| 0.8 | 1.0200E+00 | -8.0088E-02 | 9.7435E-01 | 7.6500E-02 |
| 0.9 | 1.0226E+00 | -1.0271E-01 | 9.6814E-01 | 9.7245E-02 |
| 1.0 | 1.0239E+00 | -1.2845E-01 | 9.6151E-01 | 1.2063E-01 |
| 1.1 | 1.0234E+00 | -1.5727E-01 | 9.5460E-01 | 1.4670E-01 |
| 1.2 | 1.0204E+00 | -1.8900E-01 | 9.4753E-01 | 1.7551E-01 |
| 1.3 | 1.0141E+00 | -2.2334E-01 | 9.4045E-01 | 2.0711E-01 |
| 1.4 | 1.0040E+00 | -2.5976E-01 | 9.3356E-01 | 2.4154E-01 |
| 1.5 | 9.8922E-01 | -2.9754E-01 | 9.2703E-01 | 2.7883E-01 |
| 1.6 | 9.6939E-01 | -3.3572E-01 | 9.2110E-01 | 3.1899E-01 |
| 1.7 | 9.4422E-01 | -3.7317E-01 | 9.1600E-01 | 3.6201E-01 |
| 1.8 | 9.1376E-01 | -4.0865E-01 | 9.1199E-01 | 4.0785E-01 |
| 1.9 | 8.7839E-01 | -4.4092E-01 | 9.0933E-01 | 4.5645E-01 |
| 2.0 | 8.3887E-01 | -4.6887E-01 | 9.0832E-01 | 5.0768E-01 |
| 2.1 | 7.9626E-01 | -4.9166E-01 | 9.0923E-01 | 5.6141E-01 |
| 2.2 | 7.5178E-01 | -5.0877E-01 | 9.1234E-01 | 6.1742E-01 |
| 2.3 | 7.0672E-01 | -5.2006E-01 | 9.1792E-01 | 6.7547E-01 |
| 2.4 | 6.6231E-01 | -5.2577E-01 | 9.2620E-01 | 7.3525E-01 |
| 2.5 | 6.1957E-01 | -5.2639E-01 | 9.3738E-01 | 7.9642E-01 |
| 2.6 | 5.7929E-01 | -5.2266E-01 | 9.5161E-01 | 8.5857E-01 |
| 2.7 | 5.4203E-01 | -5.1536E-01 | 9.6896E-01 | 9.2129E-01 |
| 2.8 | 5.0806E-01 | -5.0532E-01 | 9.8945E-01 | 9.8412E-01 |
| 2.9 | 4.7747E-01 | -4.9332E-01 | 1.0130E+00 | 1.0466E+00 |
| 3.0 | 4.5018E-01 | -4.8002E-01 | 1.0395E+00 | 1.1084E+00 |
| 3.1 | 4.2601E-01 | -4.6601E-01 | 1.0686E+00 | 1.1690E+00 |
| 3.2 | 4.0471E-01 | -4.5173E-01 | 1.1002E+00 | 1.2280E+00 |
| 3.3 | 3.8597E-01 | -4.3755E-01 | 1.1338E+00 | 1.2853E+00 |
| 3.4 | 3.6950E-01 | -4.2372E-01 | 1.1691E+00 | 1.3406E+00 |
| 3.5 | 3.5501E-01 | -4.1042E-01 | 1.2056E+00 | 1.3937E+00 |
| 3.6 | 3.4221E-01 | -3.9778E-01 | 1.2429E+00 | 1.4447E+00 |
| 3.7 | 3.3085E-01 | -3.8585E-01 | 1.2807E+00 | 1.4935E+00 |
| 3.8 | 3.2072E-01 | -3.7467E-01 | 1.3185E+00 | 1.5403E+00 |
| 3.9 | 3.1160E-01 | -3.6424E-01 | 1.3561E+00 | 1.5853E+00 |
| 4.0 | 3.0333E-01 | -3.5454E-01 | 1.3933E+00 | 1.6285E+00 |
| 4.1 | 2.9577E-01 | -3.4554E-01 | 1.4297E+00 | 1.6703E+00 |
| 4.2 | 2.8878E-01 | -3.3718E-01 | 1.4652E+00 | 1.7109E+00 |
| 4.3 | 2.8226E-01 | -3.2942E-01 | 1.4999E+00 | 1.7505E+00 |
| 4.4 | 2.7613E-01 | -3.2221E-01 | 1.5335E+00 | 1.7894E+00 |
| 4.5 | 2.7032E-01 | -3.1549E-01 | 1.5661E+00 | 1.8278E+00 |
| 4.6 | 2.6478E-01 | -3.0921E-01 | 1.5977E+00 | 1.8659E+00 |
| 4.7 | 2.5945E-01 | -3.0333E-01 | 1.6285E+00 | 1.9039E+00 |
| 4.8 | 2.5431E-01 | -2.9778E-01 | 1.6584E+00 | 1.9419E+00 |
| 4.9 | 2.4933E-01 | -2.9254E-01 | 1.6876E+00 | 1.9801E+00 |
| 5.0 | 2.4449E-01 | -2.8755E-01 | 1.7162E+00 | 2.0184E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 5.0 | 2.4449E-01 | -2.8755E-01 | 1.7162E+00 | 2.0184E+00 |
| 5.1 | 2.3978E-01 | -2.8280E-01 | 1.7442E+00 | 2.0572E+00 |
| 5.2 | 2.3520E-01 | -2.7825E-01 | 1.7719E+00 | 2.0962E+00 |
| 5.3 | 2.3073E-01 | -2.7387E-01 | 1.7992E+00 | 2.1356E+00 |
| 5.4 | 2.2637E-01 | -2.6964E-01 | 1.8263E+00 | 2.1754E+00 |
| 5.5 | 2.2212E-01 | -2.6554E-01 | 1.8533E+00 | 2.2156E+00 |
| 5.6 | 2.1799E-01 | -2.6157E-01 | 1.8802E+00 | 2.2561E+00 |
| 5.7 | 2.1397E-01 | -2.5770E-01 | 1.9072E+00 | 2.2970E+00 |
| 5.8 | 2.1006E-01 | -2.5393E-01 | 1.9341E+00 | 2.3381E+00 |
| 5.9 | 2.0626E-01 | -2.5025E-01 | 1.9612E+00 | 2.3795E+00 |
| 6.0 | 2.0258E-01 | -2.4666E-01 | 1.9884E+00 | 2.4211E+00 |
| 6.1 | 1.9901E-01 | -2.4315E-01 | 2.0157E+00 | 2.4628E+00 |
| 6.2 | 1.9556E-01 | -2.3972E-01 | 2.0432E+00 | 2.5047E+00 |
| 6.3 | 1.9221E-01 | -2.3637E-01 | 2.0709E+00 | 2.5466E+00 |
| 6.4 | 1.8897E-01 | -2.3309E-01 | 2.0987E+00 | 2.5887E+00 |
| 6.5 | 1.8584E-01 | -2.2989E-01 | 2.1267E+00 | 2.6307E+00 |
| 6.6 | 1.8282E-01 | -2.2675E-01 | 2.1548E+00 | 2.6728E+00 |
| 6.7 | 1.7989E-01 | -2.2370E-01 | 2.1831E+00 | 2.7148E+00 |
| 6.8 | 1.7705E-01 | -2.2071E-01 | 2.2115E+00 | 2.7568E+00 |
| 6.9 | 1.7431E-01 | -2.1779E-01 | 2.2400E+00 | 2.7987E+00 |
| 7.0 | 1.7166E-01 | -2.1495E-01 | 2.2685E+00 | 2.8406E+00 |
| 7.1 | 1.6910E-01 | -2.1217E-01 | 2.2972E+00 | 2.8823E+00 |
| 7.2 | 1.6661E-01 | -2.0946E-01 | 2.3259E+00 | 2.9241E+00 |
| 7.3 | 1.6420E-01 | -2.0682E-01 | 2.3546E+00 | 2.9657E+00 |
| 7.4 | 1.6187E-01 | -2.0424E-01 | 2.3834E+00 | 3.0073E+00 |
| 7.5 | 1.5960E-01 | -2.0173E-01 | 2.4121E+00 | 3.0488E+00 |
| 7.6 | 1.5740E-01 | -1.9927E-01 | 2.4409E+00 | 3.0902E+00 |
| 7.7 | 1.5527E-01 | -1.9688E-01 | 2.4697E+00 | 3.1316E+00 |
| 7.8 | 1.5319E-01 | -1.9454E-01 | 2.4985E+00 | 3.1729E+00 |
| 7.9 | 1.5117E-01 | -1.9226E-01 | 2.5272E+00 | 3.2142E+00 |
| 8.0 | 1.4920E-01 | -1.9004E-01 | 2.5559E+00 | 3.2554E+00 |
| 8.1 | 1.4729E-01 | -1.8786E-01 | 2.5846E+00 | 3.2967E+00 |
| 8.2 | 1.4542E-01 | -1.8574E-01 | 2.6133E+00 | 3.3379E+00 |
| 8.3 | 1.4360E-01 | -1.8366E-01 | 2.6420E+00 | 3.3790E+00 |
| 8.4 | 1.4183E-01 | -1.8164E-01 | 2.6706E+00 | 3.4202E+00 |
| 8.5 | 1.4010E-01 | -1.7965E-01 | 2.6993E+00 | 3.4613E+00 |
| 8.6 | 1.3841E-01 | -1.7771E-01 | 2.7279E+00 | 3.5025E+00 |
| 8.7 | 1.3676E-01 | -1.7582E-01 | 2.7565E+00 | 3.5438E+00 |
| 8.8 | 1.3515E-01 | -1.7396E-01 | 2.7850E+00 | 3.5847E+00 |
| 8.9 | 1.3358E-01 | -1.7214E-01 | 2.8136E+00 | 3.6259E+00 |
| 9.0 | 1.3204E-01 | -1.7036E-01 | 2.8422E+00 | 3.6670E+00 |
| 9.1 | 1.3054E-01 | -1.6862E-01 | 2.8707E+00 | 3.7081E+00 |
| 9.2 | 1.2907E-01 | -1.6691E-01 | 2.8993E+00 | 3.7493E+00 |
| 9.3 | 1.2763E-01 | -1.6524E-01 | 2.9278E+00 | 3.7904E+00 |
| 9.4 | 1.2623E-01 | -1.6359E-01 | 2.9564E+00 | 3.8316E+00 |
| 9.5 | 1.2485E-01 | -1.6199E-01 | 2.9849E+00 | 3.8727E+00 |
| 9.6 | 1.2351E-01 | -1.6041E-01 | 3.0135E+00 | 3.9139E+00 |
| 9.7 | 1.2219E-01 | -1.5886E-01 | 3.0421E+00 | 3.9550E+00 |
| 9.8 | 1.2090E-01 | -1.5734E-01 | 3.0706E+00 | 3.9962E+00 |
| 9.9 | 1.1964E-01 | -1.5585E-01 | 3.0992E+00 | 4.0374E+00 |
| 10.0 | 1.1840E-01 | -1.5439E-01 | 3.1278E+00 | 4.0785E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 10.0 | 1.1840E-01 | -1.5439E-01 | 3.1278E+00 | 4.0785E+00 |
| 10.1 | 1.1719E-01 | -1.5295E-01 | 3.1563E+00 | 4.1197E+00 |
| 10.2 | 1.1600E-01 | -1.5154E-01 | 3.1849E+00 | 4.1608E+00 |
| 10.3 | 1.1484E-01 | -1.5016E-01 | 3.2135E+00 | 4.2020E+00 |
| 10.4 | 1.1370E-01 | -1.4880E-01 | 3.2421E+00 | 4.2431E+00 |
| 10.5 | 1.1258E-01 | -1.4747E-01 | 3.2707E+00 | 4.2842E+00 |
| 10.6 | 1.1148E-01 | -1.4616E-01 | 3.2993E+00 | 4.3254E+00 |
| 10.7 | 1.1041E-01 | -1.4487E-01 | 3.3279E+00 | 4.3665E+00 |
| 10.8 | 1.0936E-01 | -1.4360E-01 | 3.3565E+00 | 4.4076E+00 |
| 10.9 | 1.0832E-01 | -1.4236E-01 | 3.3851E+00 | 4.4488E+00 |
| 11.0 | 1.0731E-01 | -1.4114E-01 | 3.4137E+00 | 4.4899E+00 |
| 11.1 | 1.0631E-01 | -1.3993E-01 | 3.4423E+00 | 4.5310E+00 |
| 11.2 | 1.0533E-01 | -1.3875E-01 | 3.4709E+00 | 4.5721E+00 |
| 11.3 | 1.0437E-01 | -1.3759E-01 | 3.4995E+00 | 4.6132E+00 |
| 11.4 | 1.0343E-01 | -1.3645E-01 | 3.5281E+00 | 4.6543E+00 |
| 11.5 | 1.0251E-01 | -1.3532E-01 | 3.5567E+00 | 4.6954E+00 |
| 11.6 | 1.0160E-01 | -1.3422E-01 | 3.5854E+00 | 4.7365E+00 |
| 11.7 | 1.0071E-01 | -1.3313E-01 | 3.6140E+00 | 4.7776E+00 |
| 11.8 | 9.9829E-02 | -1.3206E-01 | 3.6426E+00 | 4.8187E+00 |
| 11.9 | 9.8967E-02 | -1.3101E-01 | 3.6712E+00 | 4.8598E+00 |
| 12.0 | 9.8119E-02 | -1.2997E-01 | 3.6998E+00 | 4.9009E+00 |
| 12.1 | 9.7287E-02 | -1.2895E-01 | 3.7284E+00 | 4.9420E+00 |
| 12.2 | 9.6468E-02 | -1.2795E-01 | 3.7571E+00 | 4.9830E+00 |
| 12.3 | 9.5663E-02 | -1.2696E-01 | 3.7857E+00 | 5.0241E+00 |
| 12.4 | 9.4871E-02 | -1.2598E-01 | 3.8143E+00 | 5.0652E+00 |
| 12.5 | 9.4092E-02 | -1.2502E-01 | 3.8429E+00 | 5.1063E+00 |
| 12.6 | 9.3326E-02 | -1.2408E-01 | 3.8715E+00 | 5.1473E+00 |
| 12.7 | 9.2572E-02 | -1.2315E-01 | 3.9002E+00 | 5.1884E+00 |
| 12.8 | 9.1831E-02 | -1.2223E-01 | 3.9288E+00 | 5.2295E+00 |
| 12.9 | 9.1101E-02 | -1.2133E-01 | 3.9574E+00 | 5.2705E+00 |
| 13.0 | 9.0383E-02 | -1.2044E-01 | 3.9860E+00 | 5.3116E+00 |
| 13.1 | 8.9676E-02 | -1.1956E-01 | 4.0146E+00 | 5.3527E+00 |
| 13.2 | 8.8980E-02 | -1.1870E-01 | 4.0433E+00 | 5.3937E+00 |
| 13.3 | 8.8294E-02 | -1.1785E-01 | 4.0719E+00 | 5.4348E+00 |
| 13.4 | 8.7619E-02 | -1.1701E-01 | 4.1005E+00 | 5.4759E+00 |
| 13.5 | 8.6955E-02 | -1.1618E-01 | 4.1292E+00 | 5.5169E+00 |
| 13.6 | 8.6300E-02 | -1.1536E-01 | 4.1578E+00 | 5.5580E+00 |
| 13.7 | 8.5655E-02 | -1.1456E-01 | 4.1864E+00 | 5.5990E+00 |
| 13.8 | 8.5020E-02 | -1.1376E-01 | 4.2150E+00 | 5.6401E+00 |
| 13.9 | 8.4394E-02 | -1.1298E-01 | 4.2437E+00 | 5.6811E+00 |
| 14.0 | 8.3777E-02 | -1.1221E-01 | 4.2723E+00 | 5.7222E+00 |
| 14.1 | 8.3170E-02 | -1.1145E-01 | 4.3009E+00 | 5.7632E+00 |
| 14.2 | 8.2571E-02 | -1.1070E-01 | 4.3296E+00 | 5.8043E+00 |
| 14.3 | 8.1980E-02 | -1.0995E-01 | 4.3582E+00 | 5.8453E+00 |
| 14.4 | 8.1398E-02 | -1.0922E-01 | 4.3868E+00 | 5.8864E+00 |
| 14.5 | 8.0824E-02 | -1.0850E-01 | 4.4155E+00 | 5.9274E+00 |
| 14.6 | 8.0258E-02 | -1.0779E-01 | 4.4441E+00 | 5.9685E+00 |
| 14.7 | 7.9700E-02 | -1.0708E-01 | 4.4727E+00 | 6.0095E+00 |
| 14.8 | 7.9150E-02 | -1.0639E-01 | 4.5014E+00 | 6.0505E+00 |
| 14.9 | 7.8607E-02 | -1.0570E-01 | 4.5300E+00 | 6.0916E+00 |
| 15.0 | 7.8072E-02 | -1.0503E-01 | 4.5586E+00 | 6.1326E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 15.0 | 7.8072E-02 | -1.0503E-01 | 4.5586E+00 | 6.1326E+00 |
| 15.1 | 7.7544E-02 | -1.0436E-01 | 4.5873E+00 | 6.1736E+00 |
| 15.2 | 7.7023E-02 | -1.0370E-01 | 4.6159E+00 | 6.2147E+00 |
| 15.3 | 7.6509E-02 | -1.0305E-01 | 4.6445E+00 | 6.2557E+00 |
| 15.4 | 7.6002E-02 | -1.0241E-01 | 4.6732E+00 | 6.2967E+00 |
| 15.5 | 7.5502E-02 | -1.0177E-01 | 4.7018E+00 | 6.3378E+00 |
| 15.6 | 7.5008E-02 | -1.0114E-01 | 4.7305E+00 | 6.3788E+00 |
| 15.7 | 7.4520E-02 | -1.0052E-01 | 4.7591E+00 | 6.4198E+00 |
| 15.8 | 7.4039E-02 | -9.9913E-02 | 4.7877E+00 | 6.4609E+00 |
| 15.9 | 7.3564E-02 | -9.9308E-02 | 4.8164E+00 | 6.5019E+00 |
| 16.0 | 7.3095E-02 | -9.8710E-02 | 4.8450E+00 | 6.5429E+00 |
| 16.1 | 7.2632E-02 | -9.8120E-02 | 4.8737E+00 | 6.5839E+00 |
| 16.2 | 7.2175E-02 | -9.7537E-02 | 4.9023E+00 | 6.6250E+00 |
| 16.3 | 7.1723E-02 | -9.6960E-02 | 4.9309E+00 | 6.6660E+00 |
| 16.4 | 7.1277E-02 | -9.6391E-02 | 4.9596E+00 | 6.7070E+00 |
| 16.5 | 7.0837E-02 | -9.5828E-02 | 4.9882E+00 | 6.7480E+00 |
| 16.6 | 7.0402E-02 | -9.5271E-02 | 5.0169E+00 | 6.7891E+00 |
| 16.7 | 6.9972E-02 | -9.4721E-02 | 5.0455E+00 | 6.8301E+00 |
| 16.8 | 6.9548E-02 | -9.4177E-02 | 5.0742E+00 | 6.8711E+00 |
| 16.9 | 6.9129E-02 | -9.3640E-02 | 5.1028E+00 | 6.9121E+00 |
| 17.0 | 6.8714E-02 | -9.3108E-02 | 5.1315E+00 | 6.9531E+00 |
| 17.1 | 6.8305E-02 | -9.2583E-02 | 5.1601E+00 | 6.9942E+00 |
| 17.2 | 6.7901E-02 | -9.2063E-02 | 5.1887E+00 | 7.0352E+00 |
| 17.3 | 6.7501E-02 | -9.1549E-02 | 5.2174E+00 | 7.0762E+00 |
| 17.4 | 6.7106E-02 | -9.1041E-02 | 5.2460E+00 | 7.1172E+00 |
| 17.5 | 6.6715E-02 | -9.0539E-02 | 5.2747E+00 | 7.1582E+00 |
| 17.6 | 6.6330E-02 | -9.0042E-02 | 5.3033E+00 | 7.1992E+00 |
| 17.7 | 6.5948E-02 | -8.9550E-02 | 5.3320E+00 | 7.2402E+00 |
| 17.8 | 6.5571E-02 | -8.9064E-02 | 5.3606E+00 | 7.2813E+00 |
| 17.9 | 6.5198E-02 | -8.8583E-02 | 5.3893E+00 | 7.3223E+00 |
| , | | | | |
| 18.0 | 6.4830E-02 | -8.8107E-02 | 5.4179E+00 | 7.3633E+00 |
| 18.1 | 6.4465E-02 | -8.7637E-02 | 5.4466E+00 | 7.4043E+00 |
| 18.2 | 6.4105E-02 | -8.7171E-02 | 5.4752E+00 | 7.4453E+00 |
| 18.3 | 6.3748E-02 | -8.6710E-02 | 5.5039E+00 | 7.4863E+00 |
| 18.4 | 6.3396E-02 | -8.6254E-02 | 5.5325E+00 | 7.5273E+00 |
| 18.5 | 6.3047E-02 | -8.5803E-02 | 5.5612E+00 | 7.5683E+00 |
| 18.6 | 6.2703E-02 | -8.5356E-02 | 5.5898E+00 | 7.6093E+00 |
| 18.7 | 6.2362E-02 | -8.4914E-02 | 5.6185E+00 | 7.6503E+00 |
| 18.8 | 6.2024E-02 | -8.4477E-02 | 5.6471E+00 | 7.6914E+00 |
| 18.9 | 6.1691E-02 | -8.4044E-02 | 5.6758E+00 | 7.7324E+00 |
| 19.0 | 6.1361E-02 | -8.3615E-02 | 5.7044E+00 | 7.7734E+00 |
| 19.1 | 6.1034E-02 | -8.3191E-02 | 5.7331E+00 | 7.8144E+00 |
| 19.2 | 6.0711E-02 | -8.2771E-02 | 5.7617E+00 | 7.8554E+00 |
| 19.3 | 6.0391E-02 | -8.2356E-02 | 5.7904E+00 | 7.8964E+00 |
| 19.4 | 6.0075E-02 | -8.1944E-02 | 5.8190E+00 | 7.9374E+00 |
| 19.5 | 5.9762E-02 | -8.1537E-02 | 5.8477E+00 | 7.9784E+00 |
| 19.6 | 5.9452E-02 | -8.1133E-02 | 5.8763E+00 | 8.0194E+00 |
| 19.7 | 5.9145E-02 | -8.0734E-02 | 5.9050E+00 | 8.0604E+00 |
| 19.8 | 5.8842E-02 | -8.0339E-02 | 5.9336E+00 | 8.1014E+00 |
| 19.9 | 5.8541E-02 | -7.9947E-02 | 5.9623E+00 | 8.1424E+00 |
| 20.0 | 5.8244E-02 | -7.9559E-02 | 5.9909E+00 | 8.1834E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|-----|------------|-------------|------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 1.0000E+00 | 0.0000E-01 |
| 0.1 | 1.0006E+00 | -1.0843E-03 | 9.9938E-01 | 1.0830E-03 |
| 0.2 | 1.0025E+00 | -4.3590E-03 | 9.9750E-01 | 4.3373E-03 |
| 0.3 | 1.0055E+00 | -9.8889E-03 | 9.9440E-01 | 9.7793E-03 |
| 0.4 | 1.0097E+00 | -1.7782E-02 | 9.9007E-01 | 1.7436E-02 |
| 0.5 | 1.0149E+00 | -2.8189E-02 | 9.8454E-01 | 2.7345E-02 |
| 0.6 | 1.0210E+00 | -4.1300E-02 | 9.7785E-01 | 3.9555E-02 |
| 0.7 | 1.0277E+00 | -5.7343E-02 | 9.7004E-01 | 5.4126E-02 |
| 0.8 | 1.0347E+00 | -7.6572E-02 | 9.6115E-01 | 7.1126E-02 |
| 0.9 | 1.0418E+00 | -9.9260E-02 | 9.5126E-01 | 9.0636E-02 |
| 1.0 | 1.0483E+00 | -1.2567E-01 | 9.4044E-01 | 1.1274E-01 |
| 1.1 | 1.0536E+00 | -1.5603E-01 | 9.2879E-01 | 1.3755E-01 |
| 1.2 | 1.0569E+00 | -1.9046E-01 | 9.1641E-01 | 1.6515E-01 |
| 1.3 | 1.0573E+00 | -2.2897E-01 | 9.0346E-01 | 1.9566E-01 |
| 1.4 | 1.0536E+00 | -2.7130E-01 | 8.9009E-01 | 2.2919E-01 |
| 1.5 | 1.0448E+00 | -3.1690E-01 | 8.7649E-01 | 2.6585E-01 |
| 1.6 | 1.0296E+00 | -3.6483E-01 | 8.6288E-01 | 3.0575E-01 |
| 1.7 | 1.0072E+00 | -4.1373E-01 | 8.4953E-01 | 3.4897E-01 |
| 1.8 | 9.7680E-01 | -4.6182E-01 | 8.3672E-01 | 3.9559E-01 |
| 1.9 | 9.3845E-01 | -5.0708E-01 | 8.2478E-01 | 4.4566E-01 |
| 2.0 | 8.9271E-01 | -5.4740E-01 | 8.1408E-01 | 4.9919E-01 |
| 2.1 | 8.4089E-01 | -5.8091E-01 | 8.0503E-01 | 5.5613E-01 |
| 2.2 | 7.8486E-01 | -6.0620E-01 | 7.9804E-01 | 6.1639E-01 |
| 2.3 | 7.2681E-01 | -6.2260E-01 | 7.9356E-01 | 6.7978E-01 |
| 2.4 | 6.6899E-01 | -6.3015E-01 | 7.9204E-01 | 7.4606E-01 |
| 2.5 | 6.1339E-01 | -6.2957E-01 | 7.9392E-01 | 8.1487E-01 |
| 2.6 | 5.6154E-01 | -6.2206E-01 | 7.9959E-01 | 8.8576E-01 |
| 2.7 | 5.1447E-01 | -6.0907E-01 | 8.0937E-01 | 9.5819E-01 |
| 2.8 | 4.7268E-01 | -5.9207E-01 | 8.2352E-01 | 1.0315E+00 |
| 2.9 | 4.3625E-01 | -5.7245E-01 | 8.4216E-01 | 1.1051E+00 |
| 3.0 | 4.0496E-01 | -5.5138E-01 | 8.6527E-01 | 1.1781E+00 |
| 3.1 | 3.7840E-01 | -5.2981E-01 | 8.9268E-01 | 1.2499E+00 |
| 3.2 | 3.5603E-01 | -5.0845E-01 | 9.2408E-01 | 1.3197E+00 |
| 3.3 | 3.3729E-01 | -4.8781E-01 | 9.5898E-01 | 1.3869E+00 |
| 3.4 | 3.2164E-01 | -4.6822E-01 | 9.9678E-01 | 1.4510E+00 |
| 3.5 | 3.0857E-01 | -4.4989E-01 | 1.0368E+00 | 1.5117E+00 |
| 3.6 | 2.9761E-01 | -4.3292E-01 | 1.0783E+00 | 1.5686E+00 |
| 3.7 | 2.8836E-01 | -4.1735E-01 | 1.1206E+00 | 1.6218E+00 |
| 3.8 | 2.8047E-01 | -4.0315E-01 | 1.1629E+00 | 1.6715E+00 |
| 3.9 | 2.7365E-01 | -3.9025E-01 | 1.2045E+00 | 1.7178E+00 |
| 4.0 | 2.6766E-01 | -3.7859E-01 | 1.2451E+00 | 1.7611E+00 |
| 4.1 | 2.6228E-01 | -3.6806E-01 | 1.2841E+00 | 1.8019E+00 |
| 4.2 | 2.5736E-01 | -3.5855E-01 | 1.3212E+00 | 1.8407E+00 |
| 4.3 | 2.5275E-01 | -3.4996E-01 | 1.3563E+00 | 1.8779E+00 |
| 4.4 | 2.4836E-01 | -3.4218E-01 | 1.3893E+00 | 1.9141E+00 |
| 4.5 | 2.4411E-01 | -3.3510E-01 | 1.4202E+00 | 1.9496E+00 |
| 4.6 | 2.3992E-01 | -3.2863E-01 | 1.4491E+00 | 1.9850E+00 |
| 4.7 | 2.3577E-01 | -3.2267E-01 | 1.4763E+00 | 2.0204E+00 |
| 4.8 | 2.3162E-01 | -3.1714E-01 | 1.5018E+00 | 2.0563E+00 |
| 4.9 | 2.2746E-01 | -3.1197E-01 | 1.5259E+00 | 2.0929E+00 |
| 5.0 | 2.2329E-01 | -3.0708E-01 | 1.5489E+00 | 2.1302E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 5.0 | 2.2329E-01 | -3.0708E-01 | 1.5489E+00 | 2.1302E+00 |
| 5.1 | 2.1911E-01 | -3.0243E-01 | 1.5710E+00 | 2.1684E+00 |
| 5.2 | 2.1493E-01 | -2.9795E-01 | 1.5924E+00 | 2.2076E+00 |
| 5.3 | 2.1076E-01 | -2.9362E-01 | 1.6134E+00 | 2.2477E+00 |
| 5.4 | 2.0661E-01 | -2.8940E-01 | 1.6341E+00 | 2.2888E+00 |
| 5.5 | 2.0252E-01 | -2.8526E-01 | 1.6547E+00 | 2.3308E+00 |
| 5.6 | 1.9849E-01 | -2.8120E-01 | 1.6754E+00 | 2.3736E+00 |
| 5.7 | 1.9453E-01 | -2.7719E-01 | 1.6964E+00 | 2.4172E+00 |
| 5.8 | 1.9067E-01 | -2.7323E-01 | 1.7176E+00 | 2.4613E+00 |
| 5.9 | 1.8691E-01 | -2.6932E-01 | 1.7392E+00 | 2.5061E+00 |
| 6.0 | 1.8326E-01 | -2.6546E-01 | 1.7612E+00 | 2.5512E+00 |
| 6.1 | 1.7974E-01 | -2.6165E-01 | 1.7837E+00 | 2.5966E+00 |
| 6.2 | 1.7634E-01 | -2.5789E-01 | 1.8067E+00 | 2.6423E+00 |
| 6.3 | 1.7306E-01 | -2.5419E-01 | 1.8301E+00 | 2.6880E+00 |
| 6.4 | 1.6992E-01 | -2.5056E-01 | 1.8540E+00 | 2.7338E+00 |
| 6.5 | 1.6690E-01 | -2.4699E-01 | 1.8783E+00 | 2.7796E+00 |
| 6.6 | 1.6400E-01 | -2.4349E-01 | 1.9029E+00 | 2.8252E+00 |
| 6.7 | 1.6122E-01 | -2.4007E-01 | 1.9279E+00 | 2.8707E+00 |
| 6.8 | 1.5856E-01 | -2.3673E-01 | 1.9531E+00 | 2.9160E+00 |
| 6.9 | 1.5600E-01 | -2.3348E-01 | 1.9785E+00 | 2.9611E+00 |
| 7.0 | 1.5355E-01 | -2.3030E-01 | 2.0041E+00 | 3.0060E+00 |
| 7.1 | 1.5118E-01 | -2.2721E-01 | 2.0298E+00 | 3.0506E+00 |
| 7.2 | 1.4891E-01 | -2.2420E-01 | 2.0556E+00 | 3.0950E+00 |
| 7.3 | 1.4672E-01 | -2.2127E-01 | 2.0814E+00 | 3.1392E+00 |
| 7.4 | 1.4460E-01 | -2.1843E-01 | 2.1073E+00 | 3.1832E+00 |
| 7.5 | 1.4255E-01 | -2.1566E-01 | 2.1330E+00 | 3.2269E+00 |
| 7.6 | 1.4057E-01 | -2.1297E-01 | 2.1587E+00 | 3.2706E+00 |
| 7.7 | 1.3865E-01 | -2.1036E-01 | 2.1843E+00 | 3.3141E+00 |
| 7.8 | 1.3678E-01 | -2.0781E-01 | 2.2099E+00 | 3.3575E+00 |
| 7.9 | 1.3497E-01 | -2.0534E-01 | 2.2353E+00 | 3.4008E+00 |
| 8.0 | 1.3320E-01 | -2.0293E-01 | 2.2607E+00 | 3.4440E+00 |
| 8.1 | 1.3148E-01 | -2.0058E-01 | 2.2859E+00 | 3.4872E+00 |
| 8.2 | 1.2980E-01 | -1.9829E-01 | 2.3110E+00 | 3.5304E+00 |
| 8.3 | 1.2816E-01 | -1.9605E-01 | 2.3361E+00 | 3.5736E+00 |
| 8.4 | 1.2656E-01 | -1.9387E-01 | 2.3611E+00 | 3.6168E+00 |
| 8.5 | 1.2500E-01 | -1.9174E-01 | 2.3860E+00 | 3.6600E+00 |
| 8.6 | 1.2347E-01 | -1.8966E-01 | 2.4108E+00 | 3.7033E+00 |
| 8.7 | 1.2197E-01 | -1.8762E-01 | 2.4356E+00 | 3.7465E+00 |
| 8.8 | 1.2051E-01 | -1.8563E-01 | 2.4604E+00 | 3.7898E+00 |
| 8.9 | 1.1908E-01 | -1.8367E-01 | 2.4852E+00 | 3.8332E+00 |
| 9.0 | 1.1768E-01 | -1.8176E-01 | 2.5099E+00 | 3.8766E+00 |
| 9.1 | 1.1632E-01 | -1.7989E-01 | 2.5347E+00 | 3.9200E+00 |
| 9.2 | 1.1498E-01 | -1.7806E-01 | 2.5594E+00 | 3.9635E+00 |
| 9.3 | 1.1367E-01 | -1.7626E-01 | 2.5842E+00 | 4.0070E+00 |
| 9.4 | 1.1239E-01 | -1.7449E-01 | 2.6089E+00 | 4.0505E+00 |
| 9.5 | 1.1114E-01 | -1.7276E-01 | 2.6337E+00 | 4.0941E+00 |
| 9.6 | 1.0991E-01 | -1.7106E-01 | 2.6585E+00 | 4.1376E+00 |
| 9.7 | 1.0871E-01 | -1.6940E-01 | 2.6833E+00 | 4.1812E+00 |
| 9.8 | 1.0754E-01 | -1.6776E-01 | 2.7082E+00 | 4.2248E+00 |
| 9.9 | 1.0639E-01 | -1.6616E-01 | 2.7330E+00 | 4.2684E+00 |
| 10.0 | 1.0527E-01 | -1.6459E-01 | 2.7579E+00 | 4.3119E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 10.0 | 1.0527E-01 | -1.6459E-01 | 2.7579E+00 | 4.3119E+00 |
| 10.1 | 1.0417E-01 | -1.6304E-01 | 2.7828E+00 | 4.3555E+00 |
| 10.2 | 1.0309E-01 | -1.6152E-01 | 2.8077E+00 | 4.3991E+00 |
| 10.3 | 1.0204E-01 | -1.6003E-01 | 2.8327E+00 | 4.4426E+00 |
| 10.4 | 1.0101E-01 | -1.5857E-01 | 2.8576E+00 | 4.4862E+00 |
| 10.5 | 9.9994E-02 | -1.5713E-01 | 2.8826E+00 | 4.5297E+00 |
| 10.6 | 9.9003E-02 | -1.5572E-01 | 2.9075E+00 | 4.5732E+00 |
| 10.7 | 9.8031E-02 | -1.5433E-01 | 2.9325E+00 | 4.6167E+00 |
| 10.8 | 9.7079E-02 | -1.5297E-01 | 2.9575E+00 | 4.6602E+00 |
| 10.9 | 9.6146E-02 | -1.5164E-01 | 2.9824E+00 | 4.7037E+00 |
| 11.0 | 9.5230E-02 | -1.5032E-01 | 3.0074E+00 | 4.7472E+00 |
| 11.1 | 9.4332E-02 | -1.4903E-01 | 3.0324E+00 | 4.7907E+00 |
| 11.2 | 9.3451E-02 | -1.4776E-01 | 3.0574E+00 | 4.8341E+00 |
| 11.3 | 9.2586E-02 | -1.4651E-01 | 3.0823E+00 | 4.8776E+00 |
| 11.4 | 9.1738E-02 | -1.4528E-01 | 3.1073E+00 | 4.9210E+00 |
| 11.5 | 9.0904E-02 | -1.4408E-01 | 3.1323E+00 | 4.9644E+00 |
| 11.6 | 9.0086E-02 | -1.4289E-01 | 3.1572E+00 | 5.0079E+00 |
| 11.7 | 8.9282E-02 | -1.4172E-01 | 3.1822E+00 | 5.0513E+00 |
| 11.8 | 8.8493E-02 | -1.4057E-01 | 3.2072E+00 | 5.0947E+00 |
| 11.9 | 8.7717E-02 | -1.3944E-01 | 3.2321E+00 | 5.1381E+00 |
| 12.0 | 8.6955E-02 | -1.3833E-01 | 3.2571E+00 | 5.1816E+00 |
| 12.1 | 8.6206E-02 | -1.3724E-01 | 3.2820E+00 | 5.2250E+00 |
| 12.2 | 8.5469E-02 | -1.3616E-01 | 3.3070E+00 | 5.2684E+00 |
| 12.3 | 8.4745E-02 | -1.3510E-01 | 3.3319E+00 | 5.3118E+00 |
| 12.4 | 8.4033E-02 | -1.3406E-01 | 3.3569E+00 | 5.3552E+00 |
| 12.5 | 8.3333E-02 | -1.3303E-01 | 3.3818E+00 | 5.3986E+00 |
| 12.6 | 8.2644E-02 | -1.3202E-01 | 3.4068E+00 | 5.4420E+00 |
| 12.7 | 8.1967E-02 | -1.3102E-01 | 3.4317E+00 | 5.4855E+00 |
| 12.8 | 8.1301E-02 | -1.3004E-01 | 3.4567E+00 | 5.5289E+00 |
| 12.9 | 8.0645E-02 | -1.2907E-01 | 3.4816E+00 | 5.5723E+00 |
| 13.0 | 8.0000E-02 | -1.2812E-01 | 3.5066E+00 | 5.6157E+00 |
| 13.1 | 7.9365E-02 | -1.2718E-01 | 3.5315E+00 | 5.6591E+00 |
| 13.2 | 7.8740E-02 | -1.2625E-01 | 3.5565E+00 | 5.7025E+00 |
| 13.3 | 7.8125E-02 | -1.2534E-01 | 3.5814E+00 | 5.7459E+00 |
| 13.4 | 7.7519E-02 | -1.2444E-01 | 3.6064E+00 | 5.7893E+00 |
| 13.5 | 7.6923E-02 | -1.2356E-01 | 3.6313E+00 | 5.8327E+00 |
| 13.6 | 7.6335E-02 | -1.2268E-01 | 3.6563E+00 | 5.8762E+00 |
| 13.7 | 7.5757E-02 | -1.2182E-01 | 3.6812E+00 | 5.9196E+00 |
| 13.8 | 7.5187E-02 | -1.2097E-01 | 3.7062E+00 | 5.9630E+00 |
| 13.9 | 7.4626E-02 | -1.2013E-01 | 3.7312E+00 | 6.0064E+00 |
| 14.0 | 7.4073E-02 | -1.1931E-01 | 3.7561E+00 | 6.0498E+00 |
| 14.1 | 7.3529E-02 | -1.1849E-01 | 3.7811E+00 | 6.0932E+00 |
| 14.2 | 7.2992E-02 | -1.1769E-01 | 3.8060E+00 | 6.1366E+00 |
| 14.3 | 7.2463E-02 | -1.1689E-01 | 3.8310E+00 | 6.1799E+00 |
| 14.4 | 7.1942E-02 | -1.1611E-01 | 3.8560E+00 | 6.2233E+00 |
| 14.5 | 7.1428E-02 | -1.1534E-01 | 3.8809E+00 | 6.2667E+00 |
| 14.6 | 7.0921E-02 | -1.1458E-01 | 3.9059E+00 | 6.3101E+00 |
| 14.7 | 7.0422E-02 | -1.1382E-01 | 3.9309E+00 | 6.3535E+00 |
| 14.8 | 6.9930E-02 | -1.1308E-01 | 3.9558E+00 | 6.3969E+00 |
| 14.9 | 6.9444E-02 | -1.1235E-01 | 3.9808E+00 | 6.4403E+00 |
| 15.0 | 6.8965E-02 | -1.1163E-01 | 4.0058E+00 | 6.4837E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 15.0 | 6.8965E-02 | -1.1163E-01 | 4.0058E+00 | 6.4837E+00 |
| 15.1 | 6.8493E-02 | -1.1091E-01 | 4.0307E+00 | 6.5270E+00 |
| 15.2 | 6.8027E-02 | -1.1021E-01 | 4.0557E+00 | 6.5704E+00 |
| 15.3 | 6.7567E-02 | -1.0951E-01 | 4.0807E+00 | 6.6138E+00 |
| 15.4 | 6.7114E-02 | -1.0882E-01 | 4.1056E+00 | 6.6572E+00 |
| 15.5 | 6.6666E-02 | -1.0814E-01 | 4.1306E+00 | 6.7006E+00 |
| 15.6 | 6.6225E-02 | -1.0747E-01 | 4.1556E+00 | 6.7439E+00 |
| 15.7 | 6.5789E-02 | -1.0681E-01 | 4.1805E+00 | 6.7873E+00 |
| 15.8 | 6.5359E-02 | -1.0616E-01 | 4.2055E+00 | 6.8307E+00 |
| 15.9 | 6.4935E-02 | -1.0551E-01 | 4.2305E+00 | 6.8741E+00 |
| 16.0 | 6.4516E-02 | -1.0487E-01 | 4.2554E+00 | 6.9174E+00 |
| 16.1 | 6.4102E-02 | -1.0424E-01 | 4.2804E+00 | 6.9608E+00 |
| 16.2 | 6.3694E-02 | -1.0362E-01 | 4.3054E+00 | 7.0042E+00 |
| 16.3 | 6.3291E-02 | -1.0300E-01 | 4.3303E+00 | 7.0475E+00 |
| 16.4 | 6.2893E-02 | -1.0240E-01 | 4.3553E+00 | 7.0909E+00 |
| 16.5 | 6.2500E-02 | -1.0179E-01 | 4.3803E+00 | 7.1343E+00 |
| 16.6 | 6.2112E-02 | -1.0120E-01 | 4.4053E+00 | 7.1776E+00 |
| 16.7 | 6.1728E-02 | -1.0061E-01 | 4.4302E+00 | 7.2210E+00 |
| 16.8 | 6.1349E-02 | -1.0003E-01 | 4.4552E+00 | 7.2644E+00 |
| 16.9 | 6.0975E-02 | -9.9459E-02 | 4.4802E+00 | 7.3077E+00 |
| 17.0 | 6.0606E-02 | -9.8892E-02 | 4.5051E+00 | 7.3511E+00 |
| 17.1 | 6.0241E-02 | -9.8331E-02 | 4.5301E+00 | 7.3945E+00 |
| 17.2 | 5.9880E-02 | -9.7776E-02 | 4.5551E+00 | 7.4378E+00 |
| 17.3 | 5.9524E-02 | -9.7228E-02 | 4.5801E+00 | 7.4812E+00 |
| 17.4 | 5.9171E-02 | -9.6685E-02 | 4.6050E+00 | 7.5246E+00 |
| 17.5 | 5.8823E-02 | -9.6149E-02 | 4.6300E+00 | 7.5679E+00 |
| 17.6 | 5.8479E-02 | -9.5619E-02 | 4.6550E+00 | 7.6113E+00 |
| 17.7 | 5.8139E-02 | -9.5094E-02 | 4.6800E+00 | 7.6546E+00 |
| 17.8 | 5.7803E-02 | -9.4575E-02 | 4.7049E+00 | 7.6980E+00 |
| 17.9 | 5.7471E-02 | -9.4062E-02 | 4.7299E+00 | 7.7414E+00 |
| 18.0 | 5.7143E-02 | -9.3554E-02 | 4.7549E+00 | 7.7847E+00 |
| 18.1 | 5.6818E-02 | -9.3052E-02 | 4.7799E+00 | 7.8281E+00 |
| 18.2 | 5.6497E-02 | -9.2555E-02 | 4.8048E+00 | 7.8714E+00 |
| 18.3 | 5.6180E-02 | -9.2064E-02 | 4.8298E+00 | 7.9148E+00 |
| 18.4 | 5.5866E-02 | -9.1577E-02 | 4.8548E+00 | 7.9581E+00 |
| 18.5 | 5.5555E-02 | -9.1096E-02 | 4.8798E+00 | 8.0015E+00 |
| 18.6 | 5.5248E-02 | -9.0620E-02 | 4.9047E+00 | 8.0448E+00 |
| 18.7 | 5.4945E-02 | -9.0148E-02 | 4.9297E+00 | 8.0882E+00 |
| 18.8 | 5.4645E-02 | -8.9682E-02 | 4.9547E+00 | 8.1315E+00 |
| 18.9 | 5.4348E-02 | -8.9220E-02 | 4.9797E+00 | 8.1749E+00 |
| 19.0 | 5.4054E-02 | -8.8763E-02 | 5.0046E+00 | 8.2182E+00 |
| 19.1 | 5.3763E-02 | -8.8311E-02 | 5.0296E+00 | 8.2616E+00 |
| 19.2 | 5.3476E-02 | -8.7863E-02 | 5.0546E+00 | 8.3049E+00 |
| 19.3 | 5.3191E-02 | -8.7420E-02 | 5.0796E+00 | 8.3483E+00 |
| 19.4 | 5.2910E-02 | -8.6982E-02 | 5.1045E+00 | 8.3916E+00 |
| 19.5 | 5.2631E-02 | -8.6547E-02 | 5.1295E+00 | 8.4350E+00 |
| 19.6 | 5.2356E-02 | -8.6117E-02 | 5.1545E+00 | 8.4783E+00 |
| 19.7 | 5.2083E-02 | -8.5691E-02 | 5.1795E+00 | 8.5217E+00 |
| 19.8 | 5.1813E-02 | -8.5270E-02 | 5.2045E+00 | 8.5650E+00 |
| 19.9 | 5.1546E-02 | -8.4852E-02 | 5.2294E+00 | 8.6084E+00 |
| 20.0 | 5.1282E-02 | -8.4439E-02 | 5.2544E+00 | 8.6517E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|-----|------------|-------------|------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 1.0000E+00 | 0.0000E-01 |
| 0.1 | 1.0008E+00 | -9.5961E-04 | 9.9920E-01 | 9.5807E-04 |
| 0.2 | 1.0032E+00 | -3.8632E-03 | 9.9679E-01 | 3.8384E-03 |
| 0.3 | 1.0072E+00 | -8.7855E-03 | 9.9278E-01 | 8.6597E-03 |
| 0.4 | 1.0128E+00 | -1.5853E-02 | 9.8717E-01 | 1.5453E-02 |
| 0.5 | 1.0198E+00 | -2.5248E-02 | 9.7997E-01 | 2.4262E-02 |
| 0.6 | 1.0283E+00 | -3.7210E-02 | 9.7121E-01 | 3.5144E-02 |
| 0.7 | 1.0381E+00 | -5.2042E-02 | 9.6088E-01 | 4.8170E-02 |
| 0.8 | 1.0490E+00 | -7.0109E-02 | 9.4902E-01 | 6.3426E-02 |
| 0.9 | 1.0608E+00 | -9.1844E-02 | 9.3567E-01 | 8.1010E-02 |
| 1.0 | 1.0730E+00 | -1.1773E-01 | 9.2086E-01 | 1.0104E-01 |
| 1.1 | 1.0851E+00 | -1.4831E-01 | 9.0465E-01 | 1.2364E-01 |
| 1.2 | 1.0963E+00 | -1.8411E-01 | 8.8711E-01 | 1.4897E-01 |
| 1.3 | 1.1056E+00 | -2.2560E-01 | 8.6833E-01 | 1.7718E-01 |
| 1.4 | 1.1116E+00 | -2.7311E-01 | 8.4843E-01 | 2.0846E-01 |
| 1.5 | 1.1125E+00 | -3.2665E-01 | 8.2755E-01 | 2.4299E-01 |
| 1.6 | 1.1064E+00 | -3.8576E-01 | 8.0588E-01 | 2.8098E-01 |
| 1.7 | 1.0911E+00 | -4.4926E-01 | 7.8363E-01 | 3.2266E-01 |
| 1.8 | 1.0647E+00 | -5.1510E-01 | 7.6109E-01 | 3.6822E-01 |
| 1.9 | 1.0256E+00 | -5.8028E-01 | 7.3859E-01 | 4.1788E-01 |
| 2.0 | 9.7348E-01 | -6.4106E-01 | 7.1652E-01 | 4.7185E-01 |
| 2.1 | 9.0931E-01 | -6.9343E-01 | 6.9535E-01 | 5.3027E-01 |
| 2.2 | 8.3570E-01 | -7.3383E-01 | 6.7564E-01 | 5.9328E-01 |
| 2.3 | 7.5652E-01 | -7.5987E-01 | 6.5800E-01 | 6.6091E-01 |
| 2.4 | 6.7622E-01 | -7.7081E-01 | 6.4315E-01 | 7.3311E-01 |
| 2.5 | 5.9899E-01 | -7.6762E-01 | 6.3182E-01 | 8.0970E-01 |
| 2.6 | 5.2814E-01 | -7.5254E-01 | 6.2483E-01 | 8.9032E-01 |
| 2.7 | 4.6572E-01 | -7.2848E-01 | 6.2297E-01 | 9.7446E-01 |
| 2.8 | 4.1260E-01 | -6.9844E-01 | 6.2699E-01 | 1.0614E+00 |
| 2.9 | 3.6869E-01 | -6.6512E-01 | 6.3752E-01 | 1.1501E+00 |
| 3.0 | 3.3328E-01 | -6.3067E-01 | 6.5501E-01 | 1.2395E+00 |
| 3.1 | 3.0532E-01 | -5.9666E-01 | 6.7967E-01 | 1.3282E+00 |
| 3.2 | 2.8365E-01 | -5.6416E-01 | 7.1138E-01 | 1.4149E+00 |
| 3.3 | 2.6713E-01 | -5.3383E-01 | 7.4967E-01 | 1.4981E+00 |
| 3.4 | 2.5475E-01 | -5.0602E-01 | 7.9372E-01 | 1.5766E+00 |
| 3.5 | 2.4561E-01 | -4.8087E-01 | 8.4239E-01 | 1.6493E+00 |
| 3.6 | 2.3895E-01 | -4.5836E-01 | 8.9431E-01 | 1.7155E+00 |
| 3.7 | 2.3417E-01 | -4.3839E-01 | 9.4796E-01 | 1.7747E+00 |
| 3.8 | 2.3073E-01 | -4.2081E-01 | 1.0018E+00 | 1.8271E+00 |
| 3.9 | 2.2824E-01 | -4.0541E-01 | 1.0545E+00 | 1.8730E+00 |
| 4.0 | 2.2636E-01 | -3.9201E-01 | 1.1047E+00 | 1.9131E+00 |
| 4.1 | 2.2481E-01 | -3.8038E-01 | 1.1515E+00 | 1.9484E+00 |
| 4.2 | 2.2339E-01 | -3.7033E-01 | 1.1943E+00 | 1.9799E+00 |
| 4.3 | 2.2194E-01 | -3.6165E-01 | 1.2327E+00 | 2.0086E+00 |
| 4.4 | 2.2032E-01 | -3.5414E-01 | 1.2665E+00 | 2.0358E+00 |
| 4.5 | 2.1845E-01 | -3.4762E-01 | 1.2960E+00 | 2.0623E+00 |
| 4.6 | 2.1627E-01 | -3.4191E-01 | 1.3213E+00 | 2.0889E+00 |
| 4.7 | 2.1375E-01 | -3.3685E-01 | 1.3430E+00 | 2.1165E+00 |
| 4.8 | 2.1086E-01 | -3.3229E-01 | 1.3614E+00 | 2.1455E+00 |
| 4.9 | 2.0764E-01 | -3.2810E-01 | 1.3772E+00 | 2.1763E+00 |
| 5.0 | 2.0409E-01 | -3.2416E-01 | 1.3909E+00 | 2.2092E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 5.0 | 2.0409E-01 | -3.2416E-01 | 1.3909E+00 | 2.2092E+00 |
| 5.1 | 2.0026E-01 | -3.2037E-01 | 1.4030E+00 | 2.2444E+00 |
| 5.2 | 1.9620E-01 | -3.1664E-01 | 1.4140E+00 | 2.2820E+00 |
| 5.3 | 1.9197E-01 | -3.1292E-01 | 1.4244E+00 | 2.3219E+00 |
| 5.4 | 1.8762E-01 | -3.0915E-01 | 1.4347E+00 | 2.3640E+00 |
| 5.5 | 1.8322E-01 | -3.0530E-01 | 1.4452E+00 | 2.4081E+00 |
| 5.6 | 1.7882E-01 | -3.0137E-01 | 1.4562E+00 | 2.4542E+00 |
| 5.7 | 1.7447E-01 | -2.9733E-01 | 1.4680E+00 | 2.5018E+00 |
| 5.8 | 1.7022E-01 | -2.9321E-01 | 1.4809E+00 | 2.5508E+00 |
| 5.9 | 1.6611E-01 | -2.8901E-01 | 1.4949E+00 | 2.6009E+00 |
| 6.0 | 1.6216E-01 | -2.8475E-01 | 1.5101E+00 | 2.6518E+00 |
| 6.1 | 1.5839E-01 | -2.8047E-01 | 1.5267E+00 | 2.7033E+00 |
| 6.2 | 1.5483E-01 | -2.7618E-01 | 1.5445E+00 | 2.7550E+00 |
| 6.3 | 1.5146E-01 | -2.7190E-01 | 1.5636E+00 | 2.8068E+00 |
| 6.4 | 1.4830E-01 | -2.6767E-01 | 1.5838E+00 | 2.8585E+00 |
| 6.5 | 1.4534E-01 | -2.6349E-01 | 1.6050E+00 | 2.9098E+00 |
| 6.6 | 1.4257E-01 | -2.5941E-01 | 1.6272E+00 | 2.9606E+00 |
| 6.7 | 1.3998E-01 | -2.5541E-01 | 1.6501E+00 | 3.0109E+00 |
| 6.8 | 1.3755E-01 | -2.5153E-01 | 1.6736E+00 | 3.0604E+00 |
| 6.9 | 1.3528E-01 | -2.4777E-01 | 1.6976E+00 | 3.1092E+00 |
| 7.0 | 1.3314E-01 | -2.4413E-01 | 1.7218E+00 | 3.1572E+00 |
| 7.1 | 1.3111E-01 | -2.4061E-01 | 1.7462E+00 | 3.2046E+00 |
| 7.2 | 1.2919E-01 | -2.3723E-01 | 1.7705E+00 | 3.2512E+00 |
| 7.3 | 1.2736E-01 | -2.3397E-01 | 1.7948E+00 | 3.2972E+00 |
| 7.4 | 1.2560E-01 | -2.3083E-01 | 1.8188E+00 | 3.3426E+00 |
| 7.5 | 1.2391E-01 | -2.2781E-01 | 1.8425E+00 | 3.3875E+00 |
| 7.6 | 1.2227E-01 | -2.2490E-01 | 1.8659E+00 | 3.4320E+00 |
| 7.7 | 1.2068E-01 | -2.2209E-01 | 1.8889E+00 | 3.4763E+00 |
| 7.8 | 1.1912E-01 | -2.1938E-01 | 1.9115E+00 | 3.5203E+00 |
| 7.9 | 1.1760E-01 | -2.1677E-01 | 1.9337E+00 | 3.5642E+00 |
| 8.0 | 1.1611E-01 | -2.1423E-01 | 1.9555E+00 | 3.6080E+00 |
| 8.1 | 1.1464E-01 | -2.1177E-01 | 1.9769E+00 | 3.6519E+00 |
| 8.2 | 1.1320E-01 | -2.0938E-01 | 1.9981E+00 | 3.6958E+00 |
| 8.3 | 1.1177E-01 | -2.0705E-01 | 2.0189E+00 | 3.7399E+00 |
| 8.4 | 1.1037E-01 | -2.0478E-01 | 2.0395E+00 | 3.7841E+00 |
| 8.5 | 1.0898E-01 | -2.0256E-01 | 2.0599E+00 | 3.8286E+00 |
| 8.6 | 1.0762E-01 | -2.0038E-01 | 2.0802E+00 | 3.8732E+00 |
| 8.7 | 1.0628E-01 | -1.9826E-01 | 2.1004E+00 | 3.9180E+00 |
| 8.8 | 1.0496E-01 | -1.9617E-01 | 2.1205E+00 | 3.9631E+00 |
| 8.9 | 1.0367E-01 | -1.9412E-01 | 2.1406E+00 | 4.0083E+00 |
| 9.0 | 1.0240E-01 | -1.9210E-01 | 2.1608E+00 | 4.0537E+00 |
| 9.1 | 1.0115E-01 | -1.9013E-01 | 2.1810E+00 | 4.0993E+00 |
| 9.2 | 9.9936E-02 | -1.8818E-01 | 2.2013E+00 | 4.1450E+00 |
| 9.3 | 9.8745E-02 | -1.8627E-01 | 2.2217E+00 | 4.1909E+00 |
| 9.4 | 9.7581E-02 | -1.8439E-01 | 2.2422E+00 | 4.2368E+00 |
| 9.5 | 9.6444E-02 | -1.8254E-01 | 2.2628E+00 | 4.2827E+00 |
| 9.6 | 9.5335E-02 | -1.8072E-01 | 2.2835E+00 | 4.3288E+00 |
| 9.7 | 9.4252E-02 | -1.7894E-01 | 2.3043E+00 | 4.3748E+00 |
| 9.8 | 9.3196E-02 | -1.7718E-01 | 2.3253E+00 | 4.4208E+00 |
| 9.9 | 9.2166E-02 | -1.7546E-01 | 2.3463E+00 | 4.4668E+00 |
| 10.0 | 9.1162E-02 | -1.7377E-01 | 2.3674E+00 | 4.5127E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 10.0 | 9.1162E-02 | -1.7377E-01 | 2.3674E+00 | 4.5127E+00 |
| 10.1 | 9.0181E-02 | -1.7211E-01 | 2.3886E+00 | 4.5587E+00 |
| 10.2 | 8.9225E-02 | -1.7048E-01 | 2.4099E+00 | 4.6045E+00 |
| 10.3 | 8.8291E-02 | -1.6888E-01 | 2.4312E+00 | 4.6503E+00 |
| 10.4 | 8.7379E-02 | -1.6731E-01 | 2.4525E+00 | 4.6960E+00 |
| 10.5 | 8.6487E-02 | -1.6577E-01 | 2.4738E+00 | 4.7417E+00 |
| 10.6 | 8.5616E-02 | -1.6426E-01 | 2.4952E+00 | 4.7873E+00 |
| 10.7 | 8.4763E-02 | -1.6278E-01 | 2.5165E+00 | 4.8328E+00 |
| 10.8 | 8.3927E-02 | -1.6133E-01 | 2.5379E+00 | 4.8783E+00 |
| 10.9 | 8.3109E-02 | -1.5990E-01 | 2.5592E+00 | 4.9238E+00 |
| 11.0 | 8.2307E-02 | -1.5850E-01 | 2.5804E+00 | 4.9692E+00 |
| 11.1 | 8.1521E-02 | -1.5712E-01 | 2.6017E+00 | 5.0146E+00 |
| 11.2 | 8.0749E-02 | -1.5577E-01 | 2.6229E+00 | 5.0599E+00 |
| 11.3 | 7.9992E-02 | -1.5445E-01 | 2.6441E+00 | 5.1052E+00 |
| 11.4 | 7.9248E-02 | -1.5314E-01 | 2.6653E+00 | 5.1506E+00 |
| 11.5 | 7.8518E-02 | -1.5186E-01 | 2.6864E+00 | 5.1959E+00 |
| 11.6 | 7.7800E-02 | -1.5060E-01 | 2.7076E+00 | 5.2412E+00 |
| 11.7 | 7.7095E-02 | -1.4937E-01 | 2.7286E+00 | 5.2866E+00 |
| 11.8 | 7.6402E-02 | -1.4815E-01 | 2.7497E+00 | 5.3319E+00 |
| 11.9 | 7.5720E-02 | -1.4695E-01 | 2.7708E+00 | 5.3773E+00 |
| 12.0 | 7.5051E-02 | -1.4577E-01 | 2.7918E+00 | 5.4226E+00 |
| 12.1 | 7.4392E-02 | -1.4461E-01 | 2.8128E+00 | 5.4680E+00 |
| 12.2 | 7.3744E-02 | -1.4347E-01 | 2.8339E+00 | 5.5134E+00 |
| 12.3 | 7.3107E-02 | -1.4235E-01 | 2.8549E+00 | 5.5588E+00 |
| 12.4 | 7.2481E-02 | -1.4124E-01 | 2.8759E+00 | 5.6042E+00 |
| 12.5 | 7.1865E-02 | -1.4015E-01 | 2.8969E+00 | 5.6497E+00 |
| 12.6 | 7.1259E-02 | -1.3908E-01 | 2.9180E+00 | 5.6951E+00 |
| 12.7 | 7.0663E-02 | -1.3802E-01 | 2.9390E+00 | 5.7405E+00 |
| 12.8 | 7.0078E-02 | -1.3698E-01 | 2.9601E+00 | 5.7860E+00 |
| 12.9 | 6.9501E-02 | -1.3595E-01 | 2.9811E+00 | 5.8315E+00 |
| 13.0 | 6.8934E-02 | -1.3494E-01 | 3.0022E+00 | 5.8769E+00 |
| 13.1 | 6.8377E-02 | -1.3395E-01 | 3.0233E+00 | 5.9224E+00 |
| 13.2 | 6.7828E-02 | -1.3296E-01 | 3.0443E+00 | 5.9678E+00 |
| 13.3 | 6.7288E-02 | -1.3200E-01 | 3.0654E+00 | 6.0133E+00 |
| 13.4 | 6.6757E-02 | -1.3104E-01 | 3.0865E+00 | 6.0588E+00 |
| 13.5 | 6.6234E-02 | -1.3010E-01 | 3.1076E+00 | 6.1042E+00 |
| 13.6 | 6.5720E-02 | -1.2917E-01 | 3.1287E+00 | 6.1497E+00 |
| 13.7 | 6.5213E-02 | -1.2826E-01 | 3.1499E+00 | 6.1951E+00 |
| 13.8 | 6.4715E-02 | -1.2736E-01 | 3.1710E+00 | 6.2405E+00 |
| 13.9 | 6.4224E-02 | -1.2647E-01 | 3.1921E+00 | 6.2860E+00 |
| 14.0 | 6.3740E-02 | -1.2559E-01 | 3.2132E+00 | 6.3314E+00 |
| 14.1 | 6.3264E-02 | -1.2473E-01 | 3.2343E+00 | 6.3768E+00 |
| 14.2 | 6.2795E-02 | -1.2388E-01 | 3.2554E+00 | 6.4222E+00 |
| 14.3 | 6.2332E-02 | -1.2304E-01 | 3.2766E+00 | 6.4676E+00 |
| 14.4 | 6.1877E-02 | -1.2221E-01 | 3.2977E+00 | 6.5130E+00 |
| 14.5 | 6.1428E-02 | -1.2139E-01 | 3.3188E+00 | 6.5584E+00 |
| 14.6 | 6.0986E-02 | -1.2058E-01 | 3.3399E+00 | 6.6038E+00 |
| 14.7 | 6.0550E-02 | -1.1979E-01 | 3.3610E+00 | 6.6492E+00 |
| 14.8 | 6.0120E-02 | -1.1900E-01 | 3.3821E+00 | 6.6946E+00 |
| 14.9 | 5.9696E-02 | -1.1823E-01 | 3.4032E+00 | 6.7400E+00 |
| 15.0 | 5.9278E-02 | -1.1746E-01 | 3.4244E+00 | 6.7854E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 15.0 | 5.9278E-02 | -1.1746E-01 | 3.4244E+00 | 6.7854E+00 |
| 15.1 | 5.8866E-02 | -1.1670E-01 | 3.4455E+00 | 6.8308E+00 |
| 15.2 | 5.8459E-02 | -1.1596E-01 | 3.4666E+00 | 6.8762E+00 |
| 15.3 | 5.8058E-02 | -1.1522E-01 | 3.4877E+00 | 6.9216E+00 |
| 15.4 | 5.7663E-02 | -1.1449E-01 | 3.5088E+00 | 6.9670E+00 |
| 15.5 | 5.7272E-02 | -1.1378E-01 | 3.5299E+00 | 7.0123E+00 |
| 15.6 | 5.6888E-02 | -1.1307E-01 | 3.5510E+00 | 7.0577E+00 |
| 15.7 | 5.6508E-02 | -1.1237E-01 | 3.5721E+00 | 7.1031E+00 |
| 15.8 | 5.6133E-02 | -1.1167E-01 | 3.5932E+00 | 7.1485E+00 |
| 15.9 | 5.5763E-02 | -1.1099E-01 | 3.6143E+00 | 7.1939E+00 |
| 16.0 | 5.5398E-02 | -1.1032E-01 | 3.6354E+00 | 7.2393E+00 |
| 16.1 | 5.5037E-02 | -1.0965E-01 | 3.6565E+00 | 7.2847E+00 |
| 16.2 | 5.4682E-02 | -1.0899E-01 | 3.6776E+00 | 7.3301E+00 |
| 16.3 | 5.4331E-02 | -1.0834E-01 | 3.6987E+00 | 7.3754E+00 |
| 16.4 | 5.3984E-02 | -1.0770E-01 | 3.7198E+00 | 7.4208E+00 |
| 16.5 | 5.3642E-02 | -1.0706E-01 | 3.7409E+00 | 7.4662E+00 |
| 16.6 | 5.3304E-02 | -1.0643E-01 | 3.7620E+00 | 7.5116E+00 |
| 16.7 | 5.2970E-02 | -1.0581E-01 | 3.7831E+00 | 7.5570E+00 |
| 16.8 | 5.2640E-02 | -1.0520E-01 | 3.8042E+00 | 7.6024E+00 |
| 16.9 | 5.2315E-02 | -1.0459E-01 | 3.8253E+00 | 7.6478E+00 |
| 17.0 | 5.1993E-02 | -1.0399E-01 | 3.8464E+00 | 7.6931E+00 |
| 17.1 | 5.1676E-02 | -1.0340E-01 | 3.8676E+00 | 7.7385E+00 |
| 17.2 | 5.1362E-02 | -1.0281E-01 | 3.8887E+00 | 7.7839E+00 |
| 17.3 | 5.1052E-02 | -1.0223E-01 | 3.9098E+00 | 7.8293E+00 |
| 17.4 | 5.0746E-02 | -1.0166E-01 | 3.9309E+00 | 7.8747E+00 |
| 17.5 | 5.0443E-02 | -1.0109E-01 | 3.9520E+00 | 7.9200E+00 |
| 17.6 | 5.0144E-02 | -1.0053E-01 | 3.9731E+00 | 7.9654E+00 |
| 17.7 | 4.9849E-02 | -9.9977E-02 | 3.9942E+00 | 8.0108E+00 |
| 17.8 | 4.9557E-02 | -9.9429E-02 | 4.0153E+00 | 8.0562E+00 |
| 17.9 | 4.9268E-02 | -9.8886E-02 | 4.0364E+00 | 8.1015E+00 |
| 18.0 | 4.8983E-02 | -9.8350E-02 | 4.0576E+00 | 8.1469E+00 |
| 18.1 | 4.8701E-02 | -9.7819E-02 | 4.0787E+00 | 8.1923E+00 |
| 18.2 | 4.8422E-02 | -9.7295E-02 | 4.0998E+00 | 8.2376E+00 |
| 18.3 | 4.8147E-02 | -9.6775E-02 | 4.1209E+00 | 8.2830E+00 |
| 18.4 | 4.7874E-02 | -9.6262E-02 | 4.1420E+00 | 8.3284E+00 |
| 18.5 | 4.7605E-02 | -9.5753E-02 | 4.1631E+00 | 8.3738E+00 |
| 18.6 | 4.7339E-02 | -9.5250E-02 | 4.1842E+00 | 8.4191E+00 |
| 18.7 | 4.7075E-02 | -9.4753E-02 | 4.2053E+00 | 8.4645E+00 |
| 18.8 | 4.6815E-02 | -9.4260E-02 | 4.2265E+00 | 8.5099E+00 |
| 18.9 | 4.6557E-02 | -9.3773E-02 | 4.2476E+00 | 8.5552E+00 |
| 19.0 | 4.6302E-02 | -9.3290E-02 | 4.2687E+00 | 8.6006E+00 |
| 19.1 | 4.6050E-02 | -9.2813E-02 | 4.2898E+00 | 8.6460E+00 |
| 19.2 | 4.5801E-02 | -9.2340E-02 | 4.3109E+00 | 8.6913E+00 |
| 19.3 | 4.5554E-02 | -9.1872E-02 | 4.3320E+00 | 8.7367E+00 |
| 19.4 | 4.5310E-02 | -9.1409E-02 | 4.3531E+00 | 8.7821E+00 |
| 19.5 | 4.5069E-02 | -9.0951E-02 | 4.3742E+00 | 8.8274E+00 |
| 19.6 | 4.4830E-02 | -9.0497E-02 | 4.3954E+00 | 8.8728E+00 |
| 19.7 | 4.4593E-02 | -9.0047E-02 | 4.4165E+00 | 8.9181E+00 |
| 19.8 | 4.4360E-02 | -8.9602E-02 | 4.4376E+00 | 8.9635E+00 |
| 19.9 | 4.4128E-02 | -8.9162E-02 | 4.4587E+00 | 9.0089E+00 |
| 20.0 | 4.3899E-02 | -8.8725E-02 | 4.4798E+00 | 9.0542E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|-----|------------|-------------|------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 1.0000E+00 | 0.0000E-01 |
| 0.1 | 1.0010E+00 | -8.0554E-04 | 9.9904E-01 | 8.0400E-04 |
| 0.2 | 1.0038E+00 | -3.2470E-03 | 9.9617E-01 | 3.2222E-03 |
| 0.3 | 1.0086E+00 | -7.3998E-03 | 9.9137E-01 | 7.2731E-03 |
| 0.4 | 1.0154E+00 | -1.3394E-02 | 9.8466E-01 | 1.2988E-02 |
| 0.5 | 1.0241E+00 | -2.1419E-02 | 9.7601E-01 | 2.0412E-02 |
| 0.6 | 1.0348E+00 | -3.1732E-02 | 9.6542E-01 | 2.9603E-02 |
| 0.7 | 1.0475E+00 | -4.4673E-02 | 9.5288E-01 | 4.0636E-02 |
| 0.8 | 1.0622E+00 | -6.0670E-02 | 9.3839E-01 | 5.3599E-02 |
| 0.9 | 1.0787E+00 | -8.0264E-02 | 9.2194E-01 | 6.8600E-02 |
| 1.0 | 1.0969E+00 | -1.0412E-01 | 9.0352E-01 | 8.5766E-02 |
| 1.1 | 1.1165E+00 | -1.3305E-01 | 8.8315E-01 | 1.0525E-01 |
| 1.2 | 1.1369E+00 | -1.6800E-01 | 8.6082E-01 | 1.2721E-01 |
| 1.3 | 1.1572E+00 | -2.1006E-01 | 8.3656E-01 | 1.5185E-01 |
| 1.4 | 1.1763E+00 | -2.6039E-01 | 8.1041E-01 | 1.7940E-01 |
| 1.5 | 1.1921E+00 | -3.2012E-01 | 7.8243E-01 | 2.1011E-01 |
| 1.6 | 1.2020E+00 | -3.9006E-01 | 7.5271E-01 | 2.4427E-01 |
| 1.7 | 1.2023E+00 | -4.7033E-01 | 7.2137E-01 | 2.8220E-01 |
| 1.8 | 1.1887E+00 | -5.5977E-01 | 6.8858E-01 | 3.2427E-01 |
| 1.9 | 1.1565E+00 | -6.5520E-01 | 6.5459E-01 | 3.7086E-01 |
| 2.0 | 1.1018E+00 | -7.5099E-01 | 6.1971E-01 | 4.2241E-01 |
| 2.1 | 1.0229E+00 | -8.3912E-01 | 5.8436E-01 | 4.7935E-01 |
| 2.2 | 9.2220E-01 | -9.1055E-01 | 5.4907E-01 | 5.4214E-01 |
| 2.3 | 8.0604E-01 | -9.5751E-01 | 5.1454E-01 | 6.1123E-01 |
| 2.4 | 6.8417E-01 | -9.7596E-01 | 4.8161E-01 | 6.8701E-01 |
| 2.5 | 5.6681E-01 | -9.6672E-01 | 4.5135E-01 | 7.6979E-01 |
| 2.6 | 4.6209E-01 | -9.3476E-01 | 4.2499E-01 | 8.5971E-01 |
| 2.7 | 3.7461E-01 | -8.8709E-01 | 4.0399E-01 | 9.5668E-01 |
| 2.8 | 3.0557E-01 | -8.3077E-01 | 3.8998E-01 | 1.0603E+00 |
| 2.9 | 2.5374E-01 | -7.7154E-01 | 3.8466E-01 | 1.1696E+00 |
| 3.0 | 2.1664E-01 | -7.1344E-01 | 3.8970E-01 | 1.2833E+00 |
| 3.1 | 1.9144E-01 | -6.5895E-01 | 4.0657E-01 | 1.3994E+00 |
| 3.2 | 1.7545E-01 | -6.0938E-01 | 4.3630E-01 | 1.5154E+00 |
| 3.3 | 1.6635E-01 | -5.6521E-01 | 4.7921E-01 | 1.6282E+00 |
| 3.4 | 1.6229E-01 | -5.2646E-01 | 5.3475E-01 | 1.7346E+00 |
| 3.5 | 1.6181E-01 | -4.9285E-01 | 6.0133E-01 | 1.8316E+00 |
| 3.6 | 1.6377E-01 | -4.6399E-01 | 6.7644E-01 | 1.9164E+00 |
| 3.7 | 1.6733E-01 | -4.3944E-01 | 7.5677E-01 | 1.9874E+00 |
| 3.8 | 1.7183E-01 | -4.1875E-01 | 8.3867E-01 | 2.0439E+00 |
| 3.9 | 1.7676E-01 | -4.0150E-01 | 9.1850E-01 | 2.0863E+00 |
| 4.0 | 1.8174E-01 | -3.8727E-01 | 9.9306E-01 | 2.1161E+00 |
| 4.1 | 1.8647E-01 | -3.7571E-01 | 1.0599E+00 | 2.1356E+00 |
| 4.2 | 1.9070E-01 | -3.6648E-01 | 1.1173E+00 | 2.1473E+00 |
| 4.3 | 1.9424E-01 | -3.5924E-01 | 1.1647E+00 | 2.1539E+00 |
| 4.4 | 1.9695E-01 | -3.5369E-01 | 1.2018E+00 | 2.1581E+00 |
| 4.5 | 1.9872E-01 | -3.4954E-01 | 1.2292E+00 | 2.1621E+00 |
| 4.6 | 1.9947E-01 | -3.4650E-01 | 1.2479E+00 | 2.1676E+00 |
| 4.7 | 1.9917E-01 | -3.4429E-01 | 1.2589E+00 | 2.1762E+00 |
| 4.8 | 1.9781E-01 | -3.4266E-01 | 1.2636E+00 | 2.1889E+00 |
| 4.9 | 1.9542E-01 | -3.4135E-01 | 1.2632E+00 | 2.2064E+00 |
| 5.0 | 1.9209E-01 | -3.4013E-01 | 1.2589E+00 | 2.2291E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 5.0 | 1.9209E-01 | -3.4013E-01 | 1.2589E+00 | 2.2291E+00 |
| 5.1 | 1.8792E-01 | -3.3880E-01 | 1.2520E+00 | 2.2571E+00 |
| 5.2 | 1.8304E-01 | -3.3720E-01 | 1.2434E+00 | 2.2906E+00 |
| 5.3 | 1.7761E-01 | -3.3520E-01 | 1.2342E+00 | 2.3293E+00 |
| 5.4 | 1.7179E-01 | -3.3269E-01 | 1.2254E+00 | 2.3730E+00 |
| 5.5 | 1.6576E-01 | -3.2965E-01 | 1.2175E+00 | 2.4213E+00 |
| 5.6 | 1.5967E-01 | -3.2606E-01 | 1.2114E+00 | 2.4737E+00 |
| 5.7 | 1.5368E-01 | -3.2195E-01 | 1.2075E+00 | 2.5297E+00 |
| 5.8 | 1.4790E-01 | -3.1737E-01 | 1.2063E+00 | 2.5887E+00 |
| 5.9 | 1.4244E-01 | -3.1240E-01 | 1.2083E+00 | 2.6501E+00 |
| 6.0 | 1.3737E-01 | -3.0713E-01 | 1.2135E+00 | 2.7132E+00 |
| 6.1 | 1.3273E-01 | -3.0164E-01 | 1.2222E+00 | 2.7774E+00 |
| 6.2 | 1.2856E-01 | -2.9603E-01 | 1.2342E+00 | 2.8421E+00 |
| 6.3 | 1.2485E-01 | -2.9038E-01 | 1.2496E+00 | 2.9065E+00 |
| 6.4 | 1.2158E-01 | -2.8477E-01 | 1.2681E+00 | 2.9702E+00 |
| 6.5 | 1.1874E-01 | -2.7927E-01 | 1.2894E+00 | 3.0325E+00 |
| 6.6 | 1.1628E-01 | -2.7393E-01 | 1.3130E+00 | 3.0932E+00 |
| 6.7 | 1.1415E-01 | -2.6879E-01 | 1.3386E+00 | 3.1519E+00 |
| 6.8 | 1.1232E-01 | -2.6388E-01 | 1.3656E+00 | 3.2082E+00 |
| 6.9 | 1.1074E-01 | -2.5923E-01 | 1.3936E+00 | 3.2622E+00 |
| 7.0 | 1.0936E-01 | -2.5484E-01 | 1.4220E+00 | 3.3138E+00 |
| 7.1 | 1.0813E-01 | -2.5072E-01 | 1.4504E+00 | 3.3630E+00 |
| 7.2 | 1.0702E-01 | -2.4685E-01 | 1.4784E+00 | 3.4101E+00 |
| 7.3 | 1.0598E-01 | -2.4324E-01 | 1.5055E+00 | 3.4552E+00 |
| 7.4 | 1.0500E-01 | -2.3986E-01 | 1.5315E+00 | 3.4987E+00 |
| 7.5 | 1.0403E-01 | -2.3670E-01 | 1.5562E+00 | 3.5408E+00 |
| 7.6 | 1.0306E-01 | -2.3373E-01 | 1.5795E+00 | 3.5820E+00 |
| 7.7 | 1.0208E-01 | -2.3094E-01 | 1.6012E+00 | 3.6224E+00 |
| 7.8 | 1.0106E-01 | -2.2830E-01 | 1.6213E+00 | 3.6626E+00 |
| 7.9 | 1.0000E-01 | -2.2578E-01 | 1.6399E+00 | 3.7027E+00 |
| 8.0 | 9.8897E-02 | -2.2338E-01 | 1.6572E+00 | 3.7430E+00 |
| 8.1 | 9.7751E-02 | -2.2106E-01 | 1.6732E+00 | 3.7839E+00 |
| 8.2 | 9.6561E-02 | -2.1880E-01 | 1.6882E+00 | 3.8253E+00 |
| 8.3 | 9.5335E-02 | -2.1660E-01 | 1.7023E+00 | 3.8676E+00 |
| 8.4 | 9.4077E-02 | -2.1444E-01 | 1.7157E+00 | 3.9107E+00 |
| 8.5 | 9.2798E-02 | -2.1230E-01 | 1.7286E+00 | 3.9547E+00 |
| 8.6 | 9.1504E-02 | -2.1018E-01 | 1.7413E+00 | 3.9997E+00 |
| 8.7 | 9.0207E-02 | -2.0807E-01 | 1.7539E+00 | 4.0457E+00 |
| 8.8 | 8.8914E-02 | -2.0597E-01 | 1.7666E+00 | 4.0924E+00 |
| 8.9 | 8.7635E-02 | -2.0387E-01 | 1.7796E+00 | 4.1400E+00 |
| 9.0 | 8.6377E-02 | -2.0178E-01 | 1.7929E+00 | 4.1883E+00 |
| 9.1 | 8.5148E-02 | -1.9970E-01 | 1.8066E+00 | 4.2372E+00 |
| 9.2 | 8.3953E-02 | -1.9763E-01 | 1.8209E+00 | 4.2865E+00 |
| 9.3 | 8.2796E-02 | -1.9557E-01 | 1.8358E+00 | 4.3361E+00 |
| 9.4 | 8.1680E-02 | -1.9352E-01 | 1.8512E+00 | 4.3860E+00 |
| 9.5 | 8.0608E-02 | -1.9150E-01 | 1.8672E+00 | 4.4359E+00 |
| 9.6 | 7.9580E-02 | -1.8950E-01 | 1.8838E+00 | 4.4859E+00 |
| 9.7 | 7.8595E-02 | -1.8753E-01 | 1.9009E+00 | 4.5357E+00 |
| 9.8 | 7.7652E-02 | -1.8560E-01 | 1.9184E+00 | 4.5853E+00 |
| 9.9 | 7.6750E-02 | -1.8370E-01 | 1.9364E+00 | 4.6347E+00 |
| 10.0 | 7.5886E-02 | -1.8184E-01 | 1.9547E+00 | 4.6837E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 10.0 | 7.5886E-02 | -1.8184E-01 | 1.9547E+00 | 4.6837E+00 |
| 10.1 | 7.5057E-02 | -1.8001E-01 | 1.9732E+00 | 4.7324E+00 |
| 10.2 | 7.4260E-02 | -1.7823E-01 | 1.9918E+00 | 4.7807E+00 |
| 10.3 | 7.3491E-02 | -1.7650E-01 | 2.0106E+00 | 4.8287E+00 |
| 10.4 | 7.2747E-02 | -1.7480E-01 | 2.0294E+00 | 4.8763E+00 |
| 10.5 | 7.2025E-02 | -1.7315E-01 | 2.0481E+00 | 4.9235E+00 |
| 10.6 | 7.1322E-02 | -1.7153E-01 | 2.0667E+00 | 4.9705E+00 |
| 10.7 | 7.0635E-02 | -1.6996E-01 | 2.0852E+00 | 5.0172E+00 |
| 10.8 | 6.9963E-02 | -1.6842E-01 | 2.1034E+00 | 5.0637E+00 |
| 10.9 | 6.9302E-02 | -1.6692E-01 | 2.1215E+00 | 5.1100E+00 |
| 11.0 | 6.8651E-02 | -1.6546E-01 | 2.1394E+00 | 5.1562E+00 |
| 11.1 | 6.8008E-02 | -1.6402E-01 | 2.1570E+00 | 5.2023E+00 |
| 11.2 | 6.7373E-02 | -1.6262E-01 | 2.1744E+00 | 5.2484E+00 |
| 11.3 | 6.6746E-02 | -1.6125E-01 | 2.1916E+00 | 5.2945E+00 |
| 11.4 | 6.6124E-02 | -1.5990E-01 | 2.2086E+00 | 5.3407E+00 |
| 11.5 | 6.5509E-02 | -1.5857E-01 | 2.2255E+00 | 5.3870E+00 |
| 11.6 | 6.4900E-02 | -1.5727E-01 | 2.2422E+00 | 5.4333E+00 |
| 11.7 | 6.4298E-02 | -1.5599E-01 | 2.2588E+00 | 5.4798E+00 |
| 11.8 | 6.3702E-02 | -1.5472E-01 | 2.2753E+00 | 5.5264E+00 |
| 11.9 | 6.3114E-02 | -1.5348E-01 | 2.2918E+00 | 5.5731E+00 |
| 12.0 | 6.2533E-02 | -1.5225E-01 | 2.3082E+00 | 5.6200E+00 |
| 12.1 | 6.1961E-02 | -1.5104E-01 | 2.3247E+00 | 5.6670E+00 |
| 12.2 | 6.1397E-02 | -1.4985E-01 | 2.3412E+00 | 5.7141E+00 |
| 12.3 | 6.0842E-02 | -1.4867E-01 | 2.3577E+00 | 5.7613E+00 |
| 12.4 | 6.0296E-02 | -1.4751E-01 | 2.3743E+00 | 5.8086E+00 |
| 12.5 | 5.9760E-02 | -1.4637E-01 | 2.3909E+00 | 5.8560E+00 |
| 12.6 | 5.9233E-02 | -1.4524E-01 | 2.4076E+00 | 5.9034E+00 |
| 12.7 | 5.8717E-02 | -1.4412E-01 | 2.4245E+00 | 5.9509E+00 |
| 12.8 | 5.8210E-02 | -1.4302E-01 | 2.4414E+00 | 5.9983E+00 |
| 12.9 | 5.7714E-02 | -1.4194E-01 | 2.4583E+00 | 6.0458E+00 |
| 13.0 | 5.7227E-02 | -1.4087E-01 | 2.4754E+00 | 6.0933E+00 |
| 13.1 | 5.6750E-02 | -1.3981E-01 | 2.4925E+00 | 6.1407E+00 |
| 13.2 | 5.6282E-02 | -1.3877E-01 | 2.5097E+00 | 6.1881E+00 |
| 13.3 | 5.5823E-02 | -1.3775E-01 | 2.5269E+00 | 6.2355E+00 |
| 13.4 | 5.5372E-02 | -1.3674E-01 | 2.5442E+00 | 6.2828E+00 |
| 13.5 | 5.4930E-02 | -1.3575E-01 | 2.5614E+00 | 6.3301E+00 |
| 13.6 | 5.4496E-02 | -1.3477E-01 | 2.5787E+00 | 6.3773E+00 |
| 13.7 | 5.4070E-02 | -1.3381E-01 | 2.5961E+00 | 6.4245E+00 |
| 13.8 | 5.3650E-02 | -1.3286E-01 | 2.6134E+00 | 6.4716E+00 |
| 13.9 | 5.3238E-02 | -1.3192E-01 | 2.6306E+00 | 6.5187E+00 |
| 14.0 | 5.2832E-02 | -1.3100E-01 | 2.6479E+00 | 6.5657E+00 |
| 14.1 | 5.2432E-02 | -1.3009E-01 | 2.6652E+00 | 6.6127E+00 |
| 14.2 | 5.2038E-02 | -1.2920E-01 | 2.6824E+00 | 6.6597E+00 |
| 14.3 | 5.1650E-02 | -1.2832E-01 | 2.6996E+00 | 6.7066E+00 |
| 14.4 | 5.1268E-02 | -1.2745E-01 | 2.7168E+00 | 6.7536E+00 |
| 14.5 | 5.0891E-02 | -1.2659E-01 | 2.7339E+00 | 6.8005E+00 |
| 14.6 | 5.0518E-02 | -1.2574E-01 | 2.7510E+00 | 6.8475E+00 |
| 14.7 | 5.0151E-02 | -1.2491E-01 | 2.7681E+00 | 6.8944E+00 |
| 14.8 | 4.9789E-02 | -1.2409E-01 | 2.7852E+00 | 6.9414E+00 |
| 14.9 | 4.9431E-02 | -1.2327E-01 | 2.8022E+00 | 6.9883E+00 |
| 15.0 | 4.9078E-02 | -1.2247E-01 | 2.8192E+00 | 7.0353E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 15.0 | 4.9078E-02 | -1.2247E-01 | 2.8192E+00 | 7.0353E+00 |
| 15.1 | 4.8730E-02 | -1.2168E-01 | 2.8362E+00 | 7.0823E+00 |
| 15.2 | 4.8387E-02 | -1.2090E-01 | 2.8533E+00 | 7.1293E+00 |
| 15.3 | 4.8047E-02 | -1.2013E-01 | 2.8703E+00 | 7.1763E+00 |
| 15.4 | 4.7713E-02 | -1.1937E-01 | 2.8873E+00 | 7.2234E+00 |
| 15.5 | 4.7383E-02 | -1.1862E-01 | 2.9043E+00 | 7.2704E+00 |
| 15.6 | 4.7057E-02 | -1.1787E-01 | 2.9213E+00 | 7.3175E+00 |
| 15.7 | 4.6736E-02 | -1.1714E-01 | 2.9383E+00 | 7.3646E+00 |
| 15.8 | 4.6419E-02 | -1.1641E-01 | 2.9553E+00 | 7.4117E+00 |
| 15.9 | 4.6106E-02 | -1.1570E-01 | 2.9723E+00 | 7.4588E+00 |
| 16.0 | 4.5797E-02 | -1.1499E-01 | 2.9894E+00 | 7.5059E+00 |
| 16.1 | 4.5493E-02 | -1.1429E-01 | 3.0064E+00 | 7.5530E+00 |
| 16.2 | 4.5193E-02 | -1.1360E-01 | 3.0235E+00 | 7.6001E+00 |
| 16.3 | 4.4896E-02 | -1.1292E-01 | 3.0406E+00 | 7.6472E+00 |
| 16.4 | 4.4604E-02 | -1.1224E-01 | 3.0577E+00 | 7.6943E+00 |
| 16.5 | 4.4316E-02 | -1.1157E-01 | 3.0748E+00 | 7.7414E+00 |
| 16.6 | 4.4031E-02 | -1.1092E-01 | 3.0919E+00 | 7.7885E+00 |
| 16.7 | 4.3750E-02 | -1.1026E-01 | 3.1090E+00 | 7.8355E+00 |
| 16.8 | 4.3473E-02 | -1.0962E-01 | 3.1261E+00 | 7.8826E+00 |
| 16.9 | 4.3200E-02 | -1.0898E-01 | 3.1432E+00 | 7.9297E+00 |
| 17.0 | 4.2930E-02 | -1.0836E-01 | 3.1603E+00 | 7.9768E+00 |
| 17.1 | 4.2663E-02 | -1.0773E-01 | 3.1774E+00 | 8.0238E+00 |
| 17.2 | 4.2399E-02 | -1.0712E-01 | 3.1945E+00 | 8.0709E+00 |
| 17.3 | 4.2139E-02 | -1.0651E-01 | 3.2117E+00 | 8.1179E+00 |
| 17.4 | 4.1882E-02 | -1.0591E-01 | 3.2288E+00 | 8.1649E+00 |
| 17.5 | 4.1628E-02 | -1.0532E-01 | 3.2459E+00 | 8.2120E+00 |
| 17.6 | 4.1378E-02 | -1.0473E-01 | 3.2630E+00 | 8.2590E+00 |
| 17.7 | 4.1130E-02 | -1.0415E-01 | 3.2801E+00 | 8.3060E+00 |
| 17.8 | 4.0885E-02 | -1.0358E-01 | 3.2972E+00 | 8.3531E+00 |
| 17.9 | 4.0643E-02 | -1.0301E-01 | 3.3143E+00 | 8.4001E+00 |
| 18.0 | 4.0404E-02 | -1.0245E-01 | 3.3313E+00 | 8.4471E+00 |
| 18.1 | 4.0167E-02 | -1.0189E-01 | 3.3484E+00 | 8.4942E+00 |
| 18.2 | 3.9933E-02 | -1.0134E-01 | 3.3655E+00 | 8.5412E+00 |
| 18.3 | 3.9702E-02 | -1.0080E-01 | 3.3826E+00 | 8.5882E+00 |
| 18.4 | 3.9474E-02 | -1.0026E-01 | 3.3997E+00 | 8.6352E+00 |
| 18.5 | 3.9248E-02 | -9.9732E-02 | 3.4167E+00 | 8.6823E+00 |
| 18.6 | 3.9024E-02 | -9.9206E-02 | 3.4338E+00 | 8.7293E+00 |
| 18.7 | 3.8803E-02 | -9.8685E-02 | 3.4509E+00 | 8.7763E+00 |
| 18.8 | 3.8585E-02 | -9.8170E-02 | 3.4680E+00 | 8.8234E+00 |
| 18.9 | 3.8369E-02 | -9.7660E-02 | 3.4851E+00 | 8.8704E+00 |
| 19.0 | 3.8156E-02 | -9.7155E-02 | 3.5021E+00 | 8.9175E+00 |
| 19.1 | 3.7944E-02 | -9.6655E-02 | 3.5192E+00 | 8.9645E+00 |
| 19.2 | 3.7735E-02 | -9.6161E-02 | 3.5363E+00 | 9.0115E+00 |
| 19.3 | 3.7529E-02 | -9.5671E-02 | 3.5534E+00 | 9.0586E+00 |
| 19.4 | 3.7324E-02 | -9.5187E-02 | 3.5705E+00 | 9.1056E+00 |
| 19.5 | 3.7122E-02 | -9.4707E-02 | 3.5876E+00 | 9.1527E+00 |
| 19.6 | 3.6922E-02 | -9.4232E-02 | 3.6046E+00 | 9.1997E+00 |
| 19.7 | 3.6724E-02 | -9.3762E-02 | 3.6217E+00 | 9.2467E+00 |
| 19.8 | 3.6529E-02 | -9.3297E-02 | 3.6388E+00 | 9.2938E+00 |
| 19.9 | 3.6335E-02 | -9.2836E-02 | 3.6559E+00 | 9.3408E+00 |
| 20.0 | 3.6144E-02 | -9.2380E-02 | 3.6730E+00 | 9.3878E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|-----|------------|-------------|------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 1.0000E+00 | 0.0000E-01 |
| 0.1 | 1.0011E+00 | -6.2681E-04 | 9.9892E-01 | 6.2545E-04 |
| 0.2 | 1.0043E+00 | -2.5291E-03 | 9.9567E-01 | 2.5072E-03 |
| 0.3 | 1.0098E+00 | -5.7738E-03 | 9.9024E-01 | 5.6618E-03 |
| 0.4 | 1.0176E+00 | -1.0477E-02 | 9.8261E-01 | 1.0117E-02 |
| 0.5 | 1.0277E+00 | -1.6811E-02 | 9.7277E-01 | 1.5912E-02 |
| 0.6 | 1.0403E+00 | -2.5015E-02 | 9.6069E-01 | 2.3100E-02 |
| 0.7 | 1.0555E+00 | -3.5411E-02 | 9.4633E-01 | 3.1747E-02 |
| 0.8 | 1.0735E+00 | -4.8424E-02 | 9.2965E-01 | 4.1936E-02 |
| 0.9 | 1.0943E+00 | -6.4614E-02 | 9.1061E-01 | 5.3766E-02 |
| 1.0 | 1.1182E+00 | -8.4710E-02 | 8.8915E-01 | 6.7356E-02 |
| 1.1 | 1.1453E+00 | -1.0966E-01 | 8.6523E-01 | 8.2848E-02 |
| 1.2 | 1.1754E+00 | -1.4071E-01 | 8.3877E-01 | 1.0041E-01 |
| 1.3 | 1.2083E+00 | -1.7944E-01 | 8.0972E-01 | 1.2024E-01 |
| 1.4 | 1.2435E+00 | -2.2789E-01 | 7.7802E-01 | 1.4258E-01 |
| 1.5 | 1.2797E+00 | -2.8858E-01 | 7.4361E-01 | 1.6769E-01 |
| 1.6 | 1.3145E+00 | -3.6452E-01 | 7.0644E-01 | 1.9591E-01 |
| 1.7 | 1.3437E+00 | -4.5888E-01 | 6.6648E-01 | 2.2761E-01 |
| 1.8 | 1.3609E+00 | -5.7436E-01 | 6.2371E-01 | 2.6324E-01 |
| 1.9 | 1.3563E+00 | -7.1155E-01 | 5.7817E-01 | 3.0332E-01 |
| 2.0 | 1.3174E+00 | -8.6631E-01 | 5.2992E-01 | 3.4847E-01 |
| 2.1 | 1.2314E+00 | -1.0265E+00 | 4.7914E-01 | 3.9941E-01 |
| 2.2 | 1.0916E+00 | -1.1706E+00 | 4.2609E-01 | 4.5694E-01 |
| 2.3 | 9.0473E-01 | -1.2723E+00 | 3.7121E-01 | 5.2202E-01 |
| 2.4 | 6.9370E-01 | -1.3116E+00 | 3.1515E-01 | 5.9570E-01 |
| 2.5 | 4.9000E-01 | -1.2857E+00 | 2.5885E-01 | 6.7912E-01 |
| 2.6 | 3.1832E-01 | -1.2090E+00 | 2.0365E-01 | 7.7351E-01 |
| 2.7 | 1.8987E-01 | -1.1037E+00 | 1.5139E-01 | 8.8003E-01 |
| 2.8 | 1.0346E-01 | -9.8949E-01 | 1.0453E-01 | 9.9969E-01 |
| 2.9 | 5.1411E-02 | -8.7954E-01 | 6.6230E-02 | 1.1331E+00 |
| 3.0 | 2.4646E-02 | -7.8044E-01 | 4.0425E-02 | 1.2801E+00 |
| 3.1 | 1.5281E-02 | -6.9446E-01 | 3.1669E-02 | 1.4393E+00 |
| 3.2 | 1.7323E-02 | -6.2154E-01 | 4.4807E-02 | 1.6077E+00 |
| 3.3 | 2.6539E-02 | -5.6050E-01 | 8.4286E-02 | 1.7801E+00 |
| 3.4 | 4.0051E-02 | -5.0987E-01 | 1.5312E-01 | 1.9493E+00 |
| 3.5 | 5.5945E-02 | -4.6815E-01 | 2.5167E-01 | 2.1060E+00 |
| 3.6 | 7.2957E-02 | -4.3403E-01 | 3.7664E-01 | 2.2407E+00 |
| 3.7 | 9.0254E-02 | -4.0638E-01 | 5.2083E-01 | 2.3451E+00 |
| 3.8 | 1.0728E-01 | -3.8428E-01 | 6.7395E-01 | 2.4141E+00 |
| 3.9 | 1.2364E-01 | -3.6697E-01 | 8.2456E-01 | 2.4472E+00 |
| 4.0 | 1.3906E-01 | -3.5382E-01 | 9.6218E-01 | 2.4481E+00 |
| 4.1 | 1.5332E-01 | -3.4435E-01 | 1.0791E+00 | 2.4236E+00 |
| 4.2 | 1.6620E-01 | -3.3810E-01 | 1.1710E+00 | 2.3821E+00 |
| 4.3 | 1.7753E-01 | -3.3470E-01 | 1.2368E+00 | 2.3317E+00 |
| 4.4 | 1.8712E-01 | -3.3379E-01 | 1.2779E+00 | 2.2795E+00 |
| 4.5 | 1.9477E-01 | -3.3503E-01 | 1.2969E+00 | 2.2309E+00 |
| 4.6 | 2.0031E-01 | -3.3803E-01 | 1.2975E+00 | 2.1895E+00 |
| 4.7 | 2.0358E-01 | -3.4239E-01 | 1.2830E+00 | 2.1578E+00 |
| 4.8 | 2.0446E-01 | -3.4766E-01 | 1.2569E+00 | 2.1372E+00 |
| 4.9 | 2.0289E-01 | -3.5337E-01 | 1.2220E+00 | 2.1283E+00 |
| 5.0 | 1.9891E-01 | -3.5898E-01 | 1.1809E+00 | 2.1313E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 5.0 | 1.9891E-01 | -3.5898E-01 | 1.1809E+00 | 2.1313E+00 |
| 5.1 | 1.9267E-01 | -3.6399E-01 | 1.1360E+00 | 2.1460E+00 |
| 5.2 | 1.8445E-01 | -3.6791E-01 | 1.0890E+00 | 2.1721E+00 |
| 5.3 | 1.7463E-01 | -3.7034E-01 | 1.0416E+00 | 2.2090E+00 |
| 5.4 | 1.6368E-01 | -3.7099E-01 | 9.9546E-01 | 2.2563E+00 |
| 5.5 | 1.5213E-01 | -3.6971E-01 | 9.5184E-01 | 2.3132E+00 |
| 5.6 | 1.4050E-01 | -3.6648E-01 | 9.1204E-01 | 2.3790E+00 |
| 5.7 | 1.2927E-01 | -3.6146E-01 | 8.7724E-01 | 2.4529E+00 |
| 5.8 | 1.1884E-01 | -3.5487E-01 | 8.4852E-01 | 2.5338E+00 |
| 5.9 | 1.0950E-01 | -3.4704E-01 | 8.2687E-01 | 2.6206E+00 |
| 6.0 | 1.0143E-01 | -3.3830E-01 | 8.1314E-01 | 2.7122E+00 |
| 6.1 | 9.4703E-02 | -3.2900E-01 | 8.0796E-01 | 2.8069E+00 |
| 6.2 | 8.9324E-02 | -3.1947E-01 | 8.1176E-01 | 2.9033E+00 |
| 6.3 | 8.5217E-02 | -3.0996E-01 | 8.2467E-01 | 2.9995E+00 |
| 6.4 | 8.2266E-02 | -3.0070E-01 | 8.4647E-01 | 3.0940E+00 |
| 6.5 | 8.0329E-02 | -2.9186E-01 | 8.7659E-01 | 3.1850E+00 |
| 6.6 | 7.9250E-02 | -2.8358E-01 | 9.1410E-01 | 3.2709E+00 |
| 6.7 | 7.8873E-02 | -2.7592E-01 | 9.5771E-01 | 3.3504E+00 |
| 6.8 | 7.9046E-02 | -2.6895E-01 | 1.0059E+00 | 3.4225E+00 |
| 6.9 | 7.9627E-02 | -2.6268E-01 | 1.0569E+00 | 3.4866E+00 |
| 7.0 | 8.0485E-02 | -2.5710E-01 | 1.1090E+00 | 3.5424E+00 |
| 7.1 | 8.1505E-02 | -2.5220E-01 | 1.1603E+00 | 3.5902E+00 |
| 7.2 | 8.2582E-02 | -2.4793E-01 | 1.2093E+00 | 3.6306E+00 |
| 7.3 | 8.3626E-02 | -2.4426E-01 | 1.2545E+00 | 3.6644E+00 |
| 7.4 | 8.4560E-02 | -2.4113E-01 | 1.2950E+00 | 3.6930E+00 |
| 7.5 | 8.5321E-02 | -2.3847E-01 | 1.3300E+00 | 3.7175E+00 |
| 7.6 | 8.5858E-02 | -2.3623E-01 | 1.3591E+00 | 3.7393E+00 |
| 7.7 | 8.6133E-02 | -2.3431E-01 | 1.3821E+00 | 3.7598E+00 |
| 7.8 | 8.6121E-02 | -2.3266E-01 | 1.3992E+00 | 3.7801E+00 |
| 7.9 | 8.5811E-02 | -2.3121E-01 | 1.4109E+00 | 3.8015E+00 |
| 8.0 | 8.5202E-02 | -2.2988E-01 | 1.4176E+00 | 3.8247E+00 |
| 8.1 | 8.4307E-02 | -2.2860E-01 | 1.4201E+00 | 3.8507E+00 |
| 8.2 | 8.3148E-02 | -2.2732E-01 | 1.4192E+00 | 3.8800E+00 |
| 8.3 | 8.1758E-02 | -2.2599E-01 | 1.4156E+00 | 3.9129E+00 |
| 8.4 | 8.0175E-02 | -2.2456E-01 | 1.4102E+00 | 3.9497E+00 |
| 8.5 | 7.8444E-02 | -2.2300E-01 | 1.4037E+00 | 3.9905E+00 |
| 8.6 | 7.6612E-02 | -2.2129E-01 | 1.3970E+00 | 4.0352E+00 |
| 8.7 | 7.4726E-02 | -2.1943E-01 | 1.3907E+00 | 4.0837E+00 |
| 8.8 | 7.2833E-02 | -2.1740E-01 | 1.3855E+00 | 4.1356E+00 |
| 8.9 | 7.0973E-02 | -2.1522E-01 | 1.3819E+00 | 4.1907E+00 |
| 9.0 | 6.9184E-02 | -2.1291E-01 | 1.3805E+00 | 4.2483E+00 |
| 9.1 | 6.7494E-02 | -2.1048E-01 | 1.3814E+00 | 4.3080E+00 |
| 9.2 | 6.5927E-02 | -2.0797E-01 | 1.3851E+00 | 4.3693E+00 |
| 9.3 | 6.4498E-02 | -2.0540E-01 | 1.3915E+00 | 4.4315E+00 |
| 9.4 | 6.3215E-02 | -2.0280E-01 | 1.4009E+00 | 4.4942E+00 |
| 9.5 | 6.2081E-02 | -2.0020E-01 | 1.4130E+00 | 4.5568E+00 |
| 9.6 | 6.1092E-02 | -1.9762E-01 | 1.4278E+00 | 4.6187E+00 |
| 9.7 | 6.0241E-02 | -1.9509E-01 | 1.4449E+00 | 4.6795E+00 |
| 9.8 | 5.9515E-02 | -1.9263E-01 | 1.4641E+00 | 4.7389E+00 |
| 9.9 | 5.8901E-02 | -1.9025E-01 | 1.4850E+00 | 4.7965E+00 |
| 10.0 | 5.8382E-02 | -1.8796E-01 | 1.5071E+00 | 4.8521E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 10.0 | 5.8382E-02 | -1.8796E-01 | 1.5071E+00 | 4.8521E+00 |
| 10.1 | 5.7941E-02 | -1.8578E-01 | 1.5299E+00 | 4.9056E+00 |
| 10.2 | 5.7561E-02 | -1.8370E-01 | 1.5532E+00 | 4.9569E+00 |
| 10.3 | 5.7225E-02 | -1.8174E-01 | 1.5763E+00 | 5.0061E+00 |
| 10.4 | 5.6917E-02 | -1.7988E-01 | 1.5990E+00 | 5.0534E+00 |
| 10.5 | 5.6622E-02 | -1.7812E-01 | 1.6209E+00 | 5.0990E+00 |
| 10.6 | 5.6327E-02 | -1.7646E-01 | 1.6417E+00 | 5.1431E+00 |
| 10.7 | 5.6022E-02 | -1.7488E-01 | 1.6613E+00 | 5.1859E+00 |
| 10.8 | 5.5698E-02 | -1.7339E-01 | 1.6794E+00 | 5.2279E+00 |
| 10.9 | 5.5347E-02 | -1.7196E-01 | 1.6959E+00 | 5.2693E+00 |
| 11.0 | 5.4966E-02 | -1.7060E-01 | 1.7110E+00 | 5.3105E+00 |
| 11.1 | 5.4550E-02 | -1.6928E-01 | 1.7246E+00 | 5.3517E+00 |
| 11.2 | 5.4101E-02 | -1.6800E-01 | 1.7368E+00 | 5.3932E+00 |
| 11.3 | 5.3619E-02 | -1.6674E-01 | 1.7478E+00 | 5.4353E+00 |
| 11.4 | 5.3106E-02 | -1.6550E-01 | 1.7578E+00 | 5.4781E+00 |
| 11.5 | 5.2566E-02 | -1.6428E-01 | 1.7669E+00 | 5.5218E+00 |
| 11.6 | 5.2005E-02 | -1.6306E-01 | 1.7753E+00 | 5.5665E+00 |
| 11.7 | 5.1427E-02 | -1.6184E-01 | 1.7834E+00 | 5.6122E+00 |
| 11.8 | 5.0839E-02 | -1.6062E-01 | 1.7912E+00 | 5.6590E+00 |
| 11.9 | 5.0247E-02 | -1.5939E-01 | 1.7991E+00 | 5.7068E+00 |
| 12.0 | 4.9656E-02 | -1.5815E-01 | 1.8071E+00 | 5.7556E+00 |
| 12.1 | 4.9071E-02 | -1.5691E-01 | 1.8155E+00 | 5.8053E+00 |
| 12.2 | 4.8499E-02 | -1.5566E-01 | 1.8244E+00 | 5.8557E+00 |
| 12.3 | 4.7942E-02 | -1.5442E-01 | 1.8339E+00 | 5.9067E+00 |
| 12.4 | 4.7405E-02 | -1.5317E-01 | 1.8441E+00 | 5.9582E+00 |
| 12.5 | 4.6889E-02 | -1.5192E-01 | 1.8550E+00 | 6.0100E+00 |
| 12.6 | 4.6397E-02 | -1.5068E-01 | 1.8666E+00 | 6.0619E+00 |
| 12.7 | 4.5929E-02 | -1.4945E-01 | 1.8790E+00 | 6.1139E+00 |
| 12.8 | 4.5485E-02 | -1.4823E-01 | 1.8920E+00 | 6.1658E+00 |
| 12.9 | 4.5065E-02 | -1.4702E-01 | 1.9057E+00 | 6.2174E+00 |
| 13.0 | 4.4668E-02 | -1.4584E-01 | 1.9200E+00 | 6.2688E+00 |
| 13.1 | 4.4291E-02 | -1.4468E-01 | 1.9347E+00 | 6.3146E+00 |
| 13.2 | 4.3933E-02 | -1.4354E-01 | 1.9497E+00 | 6.3701E+00 |
| 13.3 | 4.3592E-02 | -1.4242E-01 | 1.9650E+00 | 6.4200E+00 |
| 13.4 | 4.3265E-02 | -1.4133E-01 | 1.9804E+00 | 6.4693E+00 |
| 13.5 | 4.2949E-02 | -1.4027E-01 | 1.9958E+00 | 6.5182E+00 |
| 13.6 | 4.2643E-02 | -1.3923E-01 | 2.0112E+00 | 6.5665E+00 |
| 13.7 | 4.2343E-02 | -1.3821E-01 | 2.0264E+00 | 6.6145E+00 |
| 13.8 | 4.2048E-02 | -1.3722E-01 | 2.0414E+00 | 6.6620E+00 |
| 13.9 | 4.1756E-02 | -1.3625E-01 | 2.0561E+00 | 6.7092E+00 |
| 14.0 | 4.1466E-02 | -1.3531E-01 | 2.0705E+00 | 6.7561E+00 |
| 14.1 | 4.1176E-02 | -1.3438E-01 | 2.0845E+00 | 6.8029E+00 |
| 14.2 | 4.0885E-02 | -1.3347E-01 | 2.0982E+00 | 6.8496E+00 |
| 14.3 | 4.0592E-02 | -1.3258E-01 | 2.1114E+00 | 6.8962E+00 |
| 14.4 | 4.0298E-02 | -1.3170E-01 | 2.1244E+00 | 6.9429E+00 |
| 14.5 | 4.0002E-02 | -1.3084E-01 | 2.1370E+00 | 6.9897E+00 |
| 14.6 | 3.9705E-02 | -1.2999E-01 | 2.1494E+00 | 7.0366E+00 |
| 14.7 | 3.9406E-02 | -1.2914E-01 | 2.1615E+00 | 7.0837E+00 |
| 14.8 | 3.9107E-02 | -1.2831E-01 | 2.1734E+00 | 7.1311E+00 |
| 14.9 | 3.8808E-02 | -1.2749E-01 | 2.1853E+00 | 7.1787E+00 |
| 15.0 | 3.8510E-02 | -1.2667E-01 | 2.1970E+00 | 7.2265E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 15.0 | 3.8510E-02 | -1.2667E-01 | 2.1970E+00 | 7.2265E+00 |
| 15.1 | 3.8214E-02 | -1.2586E-01 | 2.2087E+00 | 7.2746E+00 |
| 15.2 | 3.7920E-02 | -1.2506E-01 | 2.2205E+00 | 7.3230E+00 |
| 15.3 | 3.7629E-02 | -1.2426E-01 | 2.2323E+00 | 7.3715E+00 |
| 15.4 | 3.7343E-02 | -1.2347E-01 | 2.2442E+00 | 7.4203E+00 |
| 15.5 | 3.7061E-02 | -1.2269E-01 | 2.2562E+00 | 7.4692E+00 |
| 15.6 | 3.6783E-02 | -1.2191E-01 | 2.2684E+00 | 7.5182E+00 |
| 15.7 | 3.6512E-02 | -1.2114E-01 | 2.2808E+00 | 7.5674E+00 |
| 15.8 | 3.6246E-02 | -1.2038E-01 | 2.2933E+00 | 7.6166E+00 |
| 15.9 | 3.5986E-02 | -1.1962E-01 | 2.3060E+00 | 7.6658E+00 |
| 16.0 | 3.5732E-02 | -1.1888E-01 | 2.3189E+00 | 7.7150E+00 |
| 16.1 | 3.5483E-02 | -1.1814E-01 | 2.3319E+00 | 7.7641E+00 |
| 16.2 | 3.5241E-02 | -1.1741E-01 | 2.3451E+00 | 7.8132E+00 |
| 16.3 | 3.5003E-02 | -1.1669E-01 | 2.3584E+00 | 7.8622E+00 |
| 16.4 | 3.4771E-02 | -1.1598E-01 | 2.3718E+00 | 7.9111E+00 |
| 16.5 | 3.4544E-02 | -1.1528E-01 | 2.3852E+00 | 7.9599E+00 |
| 16.6 | 3.4321E-02 | -1.1459E-01 | 2.3987E+00 | 8.0085E+00 |
| 16.7 | 3.4102E-02 | -1.1390E-01 | 2.4122E+00 | 8.0571E+00 |
| 16.8 | 3.3887E-02 | -1.1323E-01 | 2.4257E+00 | 8.1055E+00 |
| 16.9 | 3.3675E-02 | -1.1257E-01 | 2.4392E+00 | 8.1538E+00 |
| 17.0 | 3.3466E-02 | -1.1191E-01 | 2.4526E+00 | 8.2020E+00 |
| 17.1 | 3.3259E-02 | -1.1127E-01 | 2.4660E+00 | 8.2501E+00 |
| 17.2 | 3.3055E-02 | -1.1063E-01 | 2.4793E+00 | 8.2982E+00 |
| 17.3 | 3.2852E-02 | -1.1000E-01 | 2.4925E+00 | 8.3462E+00 |
| 17.4 | 3.2651E-02 | -1.0938E-01 | 2.5057E+00 | 8.3942E+00 |
| 17.5 | 3.2452E-02 | -1.0877E-01 | 2.5187E+00 | 8.4421E+00 |
| 17.6 | 3.2255E-02 | -1.0817E-01 | 2.5317E+00 | 8.4901E+00 |
| 17.7 | 3.2059E-02 | -1.0757E-01 | 2.5446E+00 | 8.5381E+00 |
| 17.8 | 3.1864E-02 | -1.0698E-01 | 2.5575E+00 | 8.5861E+00 |
| 17.9 | 3.1671E-02 | -1.0639E-01 | 2.5702E+00 | 8.6341E+00 |
| 18.0 | 3.1479E-02 | -1.0581E-01 | 2.5830E+00 | 8.6822E+00 |
| 18.1 | 3.1289E-02 | -1.0524E-01 | 2.5957E+00 | 8.7304E+00 |
| 18.2 | 3.1101E-02 | -1.0467E-01 | 2.6083E+00 | 8.7786E+00 |
| 18.3 | 3.0914E-02 | -1.0411E-01 | 2.6210E+00 | 8.8268E+00 |
| 18.4 | 3.0730E-02 | -1.0356E-01 | 2.6336E+00 | 8.8751E+00 |
| 18.5 | 3.0547E-02 | -1.0300E-01 | 2.6463E+00 | 8.9235E+00 |
| 18.6 | 3.0366E-02 | -1.0246E-01 | 2.6590E+00 | 8.9719E+00 |
| 18.7 | 3.0187E-02 | -1.0192E-01 | 2.6717E+00 | 9.0204E+00 |
| 18.8 | 3.0011E-02 | -1.0138E-01 | 2.6845E+00 | 9.0688E+00 |
| 18.9 | 2.9836E-02 | -1.0085E-01 | 2.6972E+00 | 9.1173E+00 |
| 19.0 | 2.9664E-02 | -1.0033E-01 | 2.7101E+00 | 9.1659E+00 |
| 19.1 | 2.9495E-02 | -9.9810E-02 | 2.7229E+00 | 9.2144E+00 |
| 19.2 | 2.9327E-02 | -9.9295E-02 | 2.7358E+00 | 9.2629E+00 |
| 19.3 | 2.9162E-02 | -9.8786E-02 | 2.7488E+00 | 9.3115E+00 |
| 19.4 | 2.8999E-02 | -9.8281E-02 | 2.7617E+00 | 9.3600E+00 |
| 19.5 | 2.8838E-02 | -9.7782E-02 | 2.7747E+00 | 9.4085E+00 |
| 19.6 | 2.8679E-02 | -9.7288E-02 | 2.7878E+00 | 9.4570E+00 |
| 19.7 | 2.8522E-02 | -9.6799E-02 | 2.8008E+00 | 9.5054E+00 |
| 19.8 | 2.8367E-02 | -9.6315E-02 | 2.8139E+00 | 9.5538E+00 |
| 19.9 | 2.8214E-02 | -9.5836E-02 | 2.8269E+00 | 9.6022E+00 |
| 20.0 | 2.8063E-02 | -9.5362E-02 | 2.8400E+00 | 9.6506E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|-----|-------------|-------------|-------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 1.0000E+00 | 0.0000E-01 |
| 0.1 | 1.0012E+00 | -4.2887E-04 | 9.9882E-01 | 4.2786E-04 |
| 0.2 | 1.0047E+00 | -1.7317E-03 | 9.9530E-01 | 1.7155E-03 |
| 0.3 | 1.0107E+00 | -3.9585E-03 | 9.8940E-01 | 3.8751E-03 |
| 0.4 | 1.0192E+00 | -7.1963E-03 | 9.8110E-01 | 6.9273E-03 |
| 0.5 | 1.0304E+00 | -1.1576E-02 | 9.7038E-01 | 1.0902E-02 |
| 0.6 | 1.0444E+00 | -1.7282E-02 | 9.5719E-01 | 1.5838E-02 |
| 0.7 | 1.0616E+00 | -2.4567E-02 | 9.4147E-01 | 2.1787E-02 |
| 0.8 | 1.0822E+00 | -3.3774E-02 | 9.2315E-01 | 2.8811E-02 |
| 0.9 | 1.1066E+00 | -4.5368E-02 | 9.0215E-01 | 3.6986E-02 |
| 1.0 | 1.1353E+00 | -5.9978E-02 | 8.7838E-01 | 4.6405E-02 |
| 1.1 | 1.1688E+00 | -7.8468E-02 | 8.5173E-01 | 5.7181E-02 |
| 1.2 | 1.2078E+00 | -1.0203E-01 | 8.2208E-01 | 6.9449E-02 |
| 1.3 | 1.2530E+00 | -1.3235E-01 | 7.8928E-01 | 8.3371E-02 |
| 1.4 | 1.3051E+00 | -1.7179E-01 | 7.5318E-01 | 9.9141E-02 |
| 1.5 | 1.3647E+00 | -2.2375E-01 | 7.1359E-01 | 1.1700E-01 |
| 1.6 | 1.4319E+00 | -2.9312E-01 | 6.7031E-01 | 1.3722E-01 |
| 1.7 | 1.5054E+00 | -3.8694E-01 | 6.2311E-01 | 1.6016E-01 |
| 1.8 | 1.5812E+00 | -5.1505E-01 | 5.7177E-01 | 1.8624E-01 |
| 1.9 | 1.6491E+00 | -6.9025E-01 | 5.1600E-01 | 2.1598E-01 |
| 2.0 | 1.6871E+00 | -9.2592E-01 | 4.5553E-01 | 2.5001E-01 |
| 2.1 | 1.6546E+00 | -1.2264E+00 | 3.9007E-01 | 2.8912E-01 |
| 2.2 | 1.4941E+00 | -1.5641E+00 | 3.1934E-01 | 3.3430E-01 |
| 2.3 | 1.1648E+00 | -1.8533E+00 | 2.4310E-01 | 3.8678E-01 |
| 2.4 | 7.1080E-01 | -1.9759E+00 | 1.6120E-01 | 4.4810E-01 |
| 2.5 | 2.6670E-01 | -1.8846E+00 | 7.3614E-02 | 5.2019E-01 |
| 2.6 | -5.2764E-02 | -1.6499E+00 | -1.9364E-02 | 6.0548E-01 |
| 2.7 | -2.2780E-01 | -1.3767E+00 | -1.1698E-01 | 7.0700E-01 |
| 2.8 | -2.9672E-01 | -1.1291E+00 | -2.1770E-01 | 8.2843E-01 |
| 2.9 | -3.0334E-01 | -9.2722E-01 | -3.1872E-01 | 9.7423E-01 |
| 3.0 | -2.7805E-01 | -7.6957E-01 | -4.1527E-01 | 1.1494E+00 |
| 3.1 | -2.3834E-01 | -6.4821E-01 | -4.9970E-01 | 1.3590E+00 |
| 3.2 | -1.9346E-01 | -5.5485E-01 | -5.6030E-01 | 1.6069E+00 |
| 3.3 | -1.4800E-01 | -4.8273E-01 | -5.8055E-01 | 1.8936E+00 |
| 3.4 | -1.0410E-01 | -4.2675E-01 | -5.3954E-01 | 2.2117E+00 |
| 3.5 | -6.2659E-02 | -3.8317E-01 | -4.1566E-01 | 2.5418E+00 |
| 3.6 | -2.3928E-02 | -3.4930E-01 | -1.9519E-01 | 2.8495E+00 |
| 3.7 | 1.2128E-02 | -3.2321E-01 | 1.1594E-01 | 3.0896E+00 |
| 3.8 | 4.5672E-02 | -3.0350E-01 | 4.8485E-01 | 3.2219E+00 |
| 3.9 | 7.6899E-02 | -2.8919E-01 | 8.5880E-01 | 3.2296E+00 |
| 4.0 | 1.0599E-01 | -2.7958E-01 | 1.1855E+00 | 3.1273E+00 |
| 4.1 | 1.3307E-01 | -2.7422E-01 | 1.4323E+00 | 2.9517E+00 |
| 4.2 | 1.5819E-01 | -2.7281E-01 | 1.5906E+00 | 2.7432E+00 |
| 4.3 | 1.8131E-01 | -2.7517E-01 | 1.6697E+00 | 2.5340E+00 |
| 4.4 | 2.0228E-01 | -2.8121E-01 | 1.6857E+00 | 2.3435E+00 |
| 4.5 | 2.2081E-01 | -2.9088E-01 | 1.6556E+00 | 2.1810E+00 |
| 4.6 | 2.3643E-01 | -3.0412E-01 | 1.5933E+00 | 2.0495E+00 |
| 4.7 | 2.4853E-01 | -3.2077E-01 | 1.5094E+00 | 1.9481E+00 |
| 4.8 | 2.5631E-01 | -3.4047E-01 | 1.4113E+00 | 1.8747E+00 |
| 4.9 | 2.5889E-01 | -3.6260E-01 | 1.3042E+00 | 1.8267E+00 |
| 5.0 | 2.5540E-01 | -3.8609E-01 | 1.1918E+00 | 1.8017E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 5.0 | 2.5540E-01 | -3.8609E-01 | 1.1918E+00 | 1.8017E+00 |
| 5.1 | 2.4519E-01 | -4.0945E-01 | 1.0765E+00 | 1.7977E+00 |
| 5.2 | 2.2810E-01 | -4.3075E-01 | 9.6009E-01 | 1.8131E+00 |
| 5.3 | 2.0471E-01 | -4.4789E-01 | 8.4411E-01 | 1.8469E+00 |
| 5.4 | 1.7646E-01 | -4.5895E-01 | 7.2986E-01 | 1.8983E+00 |
| 5.5 | 1.4553E-01 | -4.6265E-01 | 6.1867E-01 | 1.9668E+00 |
| 5.6 | 1.1444E-01 | -4.5868E-01 | 5.1207E-01 | 2.0524E+00 |
| 5.7 | 8.5567E-02 | -4.4773E-01 | 4.1182E-01 | 2.1548E+00 |
| 5.8 | 6.0694E-02 | -4.3122E-01 | 3.2005E-01 | 2.2739E+00 |
| 5.9 | 4.0823E-02 | -4.1098E-01 | 2.3933E-01 | 2.4094E+00 |
| 6.0 | 2.6211E-02 | -3.8878E-01 | 1.7263E-01 | 2.5605E+00 |
| 6.1 | 1.6561E-02 | -3.6611E-01 | 1.2330E-01 | 2.7258E+00 |
| 6.2 | 1.1253E-02 | -3.4412E-01 | 9.4923E-02 | 2.9029E+00 |
| 6.3 | 9.5342E-03 | -3.2353E-01 | 9.1006E-02 | 3.0882E+00 |
| 6.4 | 1.0654E-02 | -3.0480E-01 | 1.1455E-01 | 3.2769E+00 |
| 6.5 | 1.3933E-02 | -2.8812E-01 | 1.6745E-01 | 3.4627E+00 |
| 6.6 | 1.8789E-02 | -2.7356E-01 | 2.4989E-01 | 3.6384E+00 |
| 6.7 | 2.4743E-02 | -2.6108E-01 | 3.5977E-01 | 3.7962E+00 |
| 6.8 | 3.1407E-02 | -2.5059E-01 | 4.9241E-01 | 3.9288E+00 |
| 6.9 | 3.8468E-02 | -2.4198E-01 | 6.4077E-01 | 4.0307E+00 |
| 7.0 | 4.5671E-02 | -2.3512E-01 | 7.9609E-01 | 4.0984E+00 |
| 7.1 | 5.2802E-02 | -2.2990E-01 | 9.4900E-01 | 4.1318E+00 |
| 7.2 | 5.9680E-02 | -2.2617E-01 | 1.0907E+00 | 4.1336E+00 |
| 7.3 | 6.6143E-02 | -2.2383E-01 | 1.2141E+00 | 4.1088E+00 |
| 7.4 | 7.2042E-02 | -2.2276E-01 | 1.3143E+00 | 4.0641E+00 |
| 7.5 | 7.7237E-02 | -2.2282E-01 | 1.3888E+00 | 4.0065E+00 |
| 7.6 | 8.1596E-02 | -2.2388E-01 | 1.4370E+00 | 3.9429E+00 |
| 7.7 | 8.4997E-02 | -2.2578E-01 | 1.4604E+00 | 3.8793E+00 |
| 7.8 | 8.7331E-02 | -2.2834E-01 | 1.4612E+00 | 3.8206E+00 |
| 7.9 | 8.8512E-02 | -2.3135E-01 | 1.4425E+00 | 3.7705E+00 |
| 8.0 | 8.8486E-02 | -2.3460E-01 | 1.4075E+00 | 3.7317E+00 |
| 8.1 | 8.7244E-02 | -2.3783E-01 | 1.3594E+00 | 3.7059E+00 |
| 8.2 | 8.4827E-02 | -2.4080E-01 | 1.3014E+00 | 3.6944E+00 |
| 8.3 | 8.1339E-02 | -2.4324E-01 | 1.2365E+00 | 3.6976E+00 |
| 8.4 | 7.6943E-02 | -2.4495E-01 | 1.1672E+00 | 3.7158E+00 |
| 8.5 | 7.1855E-02 | -2.4575E-01 | 1.0961E+00 | 3.7487E+00 |
| 8.6 | 6.6329E-02 | -2.4551E-01 | 1.0256E+00 | 3.7960E+00 |
| 8.7 | 6.0636E-02 | -2.4421E-01 | 9.5768E-01 | 3.8570E+00 |
| 8.8 | 5.5040E-02 | -2.4187E-01 | 8.9453E-01 | 3.9309E+00 |
| 8.9 | 4.9777E-02 | -2.3858E-01 | 8.3803E-01 | 4.0166E+00 |
| 9.0 | 4.5040E-02 | -2.3449E-01 | 7.8997E-01 | 4.1128E+00 |
| 9.1 | 4.0967E-02 | -2.2978E-01 | 7.5198E-01 | 4.2179E+00 |
| 9.2 | 3.7639E-02 | -2.2464E-01 | 7.2547E-01 | 4.3299E+00 |
| 9.3 | 3.5087E-02 | -2.1926E-01 | 7.1159E-01 | 4.4469E+00 |
| 9.4 | 3.3297E-02 | -2.1381E-01 | 7.1109E-01 | 4.5662E+00 |
| 9.5 | 3.2222E-02 | -2.0845E-01 | 7.2429E-01 | 4.6854E+00 |
| 9.6 | 3.1793E-02 | -2.0329E-01 | 7.5097E-01 | 4.8017E+00 |
| 9.7 | 3.1922E-02 | -1.9843E-01 | 7.9030E-01 | 4.9125E+00 |
| 9.8 | 3.2519E-02 | -1.9395E-01 | 8.4087E-01 | 5.0151E+00 |
| 9.9 | 3.3486E-02 | -1.8989E-01 | 9.0069E-01 | 5.1074E+00 |
| 10.0 | 3.4732E-02 | -1.8628E-01 | 9.6728E-01 | 5.1879E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 10.0 | 3.4732E-02 | -1.8628E-01 | 9.6728E-01 | 5.1879E+00 |
| 10.1 | 3.6168E-02 | -1.8314E-01 | 1.0378E+00 | 5.2553E+00 |
| 10.2 | 3.7709E-02 | -1.8046E-01 | 1.1094E+00 | 5.3094E+00 |
| 10.3 | 3.9280E-02 | -1.7824E-01 | 1.1792E+00 | 5.3506E+00 |
| 10.4 | 4.0809E-02 | -1.7644E-01 | 1.2443E+00 | 5.3799E+00 |
| 10.5 | 4.2234E-02 | -1.7503E-01 | 1.3027E+00 | 5.3989E+00 |
| 10.6 | 4.3500E-02 | -1.7398E-01 | 1.3525E+00 | 5.4096E+00 |
| 10.7 | 4.4560E-02 | -1.7324E-01 | 1.3926E+00 | 5.4141E+00 |
| 10.8 | 4.5376E-02 | -1.7275E-01 | 1.4223E+00 | 5.4150E+00 |
| 10.9 | 4.5920E-02 | -1.7247E-01 | 1.4415E+00 | 5.4143E+00 |
| 11.0 | 4.6171E-02 | -1.7233E-01 | 1.4507E+00 | 5.4143E+00 |
| 11.1 | 4.6125E-02 | -1.7226E-01 | 1.4504E+00 | 5.4168E+00 |
| 11.2 | 4.5783E-02 | -1.7222E-01 | 1.4418E+00 | 5.4234E+00 |
| 11.3 | 4.5162E-02 | -1.7213E-01 | 1.4261E+00 | 5.4354E+00 |
| 11.4 | 4.4289E-02 | -1.7195E-01 | 1.4047E+00 | 5.4538E+00 |
| 11.5 | 4.3198E-02 | -1.7164E-01 | 1.3790E+00 | 5.4792E+00 |
| 11.6 | 4.1934E-02 | -1.7114E-01 | 1.3506E+00 | 5.5121E+00 |
| 11.7 | 4.0546E-02 | -1.7045E-01 | 1.3208E+00 | 5.5526E+00 |
| 11.8 | 3.9087E-02 | -1.6954E-01 | 1.2912E+00 | 5.6006E+00 |
| 11.9 | 3.7609E-02 | -1.6842E-01 | 1.2630E+00 | 5.6556E+00 |
| 12.0 | 3.6160E-02 | -1.6708E-01 | 1.2373E+00 | 5.7173E+00 |
| 12.1 | 3.4786E-02 | -1.6556E-01 | 1.2154E+00 | 5.7847E+00 |
| 12.2 | 3.3522E-02 | -1.6387E-01 | 1.1982E+00 | 5.8572E+00 |
| 12.3 | 3.2399E-02 | -1.6206E-01 | 1.1862E+00 | 5.9335E+00 |
| 12.4 | 3.1435E-02 | -1.6015E-01 | 1.1802E+00 | 6.0126E+00 |
| 12.5 | 3.0642E-02 | -1.5818E-01 | 1.1804E+00 | 6.0933E+00 |
| 12.6 | 3.0024E-02 | -1.5619E-01 | 1.1869E+00 | 6.1744E+00 |
| 12.7 | 2.9575E-02 | -1.5421E-01 | 1.1995E+00 | 6.2546E+00 |
| 12.8 | 2.9285E-02 | -1.5228E-01 | 1.2179E+00 | 6.3328E+00 |
| 12.9 | 2.9140E-02 | -1.5041E-01 | 1.2414E+00 | 6.4079E+00 |
| 13.0 | 2.9120E-02 | -1.4864E-01 | 1.2693E+00 | 6.4791E+00 |
| 13.1 | 2.9204E-02 | -1.4697E-01 | 1.3006E+00 | 6.5456E+00 |
| 13.2 | 2.9368E-02 | -1.4542E-01 | 1.3343E+00 | 6.6070E+00 |
| 13.3 | 2.9590E-02 | -1.4400E-01 | 1.3691E+00 | 6.6630E+00 |
| 13.4 | 2.9847E-02 | -1.4271E-01 | 1.4041E+00 | 6.7136E+00 |
| 13.5 | 3.0116E-02 | -1.4154E-01 | 1.4381E+00 | 6.7590E+00 |
| 13.6 | 3.0376E-02 | -1.4050E-01 | 1.4701E+00 | 6.7997E+00 |
| 13.7 | 3.0611E-02 | -1.3956E-01 | 1.4994E+00 | 6.8363E+00 |
| 13.8 | 3.0802E-02 | -1.3873E-01 | 1.5253E+00 | 6.8696E+00 |
| 13.9 | 3.0938E-02 | -1.3798E-01 | 1.5472E+00 | 6.9003E+00 |
| 14.0 | 3.1008E-02 | -1.3731E-01 | 1.5649E+00 | 6.9294E+00 |
| 14.1 | 3.1006E-02 | -1.3669E-01 | 1.5782E+00 | 6.9578E+00 |
| 14.2 | 3.0927E-02 | -1.3611E-01 | 1.5874E+00 | 6.9863E+00 |
| 14.3 | 3.0771E-02 | -1.3555E-01 | 1.5926E+00 | 7.0157E+00 |
| 14.4 | 3.0541E-02 | -1.3500E-01 | 1.5942E+00 | 7.0468E+00 |
| 14.5 | 3.0242E-02 | -1.3444E-01 | 1.5927E+00 | 7.0800E+00 |
| 14.6 | 2.9883E-02 | -1.3386E-01 | 1.5886E+00 | 7.1160E+00 |
| 14.7 | 2.9473E-02 | -1.3324E-01 | 1.5827E+00 | 7.1550E+00 |
| 14.8 | 2.9023E-02 | -1.3259E-01 | 1.5754E+00 | 7.1973E+00 |
| 14.9 | 2.8546E-02 | -1.3189E-01 | 1.5676E+00 | 7.2428E+00 |
| 15.0 | 2.8055E-02 | -1.3114E-01 | 1.5599E+00 | 7.2916E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|------------|-------------|------------|------------|
| 15.0 | 2.8055E-02 | -1.3114E-01 | 1.5599E+00 | 7.2916E+00 |
| 15.1 | 2.7562E-02 | -1.3035E-01 | 1.5528E+00 | 7.3436E+00 |
| 15.2 | 2.7078E-02 | -1.2950E-01 | 1.5470E+00 | 7.3984E+00 |
| 15.3 | 2.6615E-02 | -1.2862E-01 | 1.5428E+00 | 7.4557E+00 |
| 15.4 | 2.6181E-02 | -1.2770E-01 | 1.5407E+00 | 7.5150E+00 |
| 15.5 | 2.5782E-02 | -1.2675E-01 | 1.5410E+00 | 7.5759E+00 |
| 15.6 | 2.5425E-02 | -1.2579E-01 | 1.5439E+00 | 7.6379E+00 |
| 15.7 | 2.5113E-02 | -1.2481E-01 | 1.5494E+00 | 7.7004E+00 |
| 15.8 | 2.4846E-02 | -1.2383E-01 | 1.5576E+00 | 7.7629E+00 |
| 15.9 | 2.4624E-02 | -1.2286E-01 | 1.5683E+00 | 7.8250E+00 |
| 16.0 | 2.4445E-02 | -1.2190E-01 | 1.5813E+00 | 7.8860E+00 |
| 16.1 | 2.4305E-02 | -1.2097E-01 | 1.5964E+00 | 7.9457E+00 |
| 16.2 | 2.4200E-02 | -1.2006E-01 | 1.6132E+00 | 8.0037E+00 |
| 16.3 | 2.4124E-02 | -1.1919E-01 | 1.6313E+00 | 8.0597E+00 |
| 16.4 | 2.4071E-02 | -1.1835E-01 | 1.6502E+00 | 8.1136E+00 |
| 16.5 | 2.4035E-02 | -1.1755E-01 | 1.6695E+00 | 8.1654E+00 |
| 16.6 | 2.4009E-02 | -1.1679E-01 | 1.6888E+00 | 8.2150E+00 |
| 16.7 | 2.3988E-02 | -1.1607E-01 | 1.7076E+00 | 8.2626E+00 |
| 16.8 | 2.3966E-02 | -1.1538E-01 | 1.7256E+00 | 8.3083E+00 |
| 16.9 | 2.3936E-02 | -1.1473E-01 | 1.7425E+00 | 8.3523E+00 |
| 17.0 | 2.3896E-02 | -1.1411E-01 | 1.7580E+00 | 8.3951E+00 |
| 17.1 | 2.3842E-02 | -1.1352E-01 | 1.7719E+00 | 8.4369E+00 |
| 17.2 | 2.3770E-02 | -1.1295E-01 | 1.7842E+00 | 8.4780E+00 |
| 17.3 | 2.3679E-02 | -1.1240E-01 | 1.7947E+00 | 8.5189E+00 |
| 17.4 | 2.3568E-02 | -1.1186E-01 | 1.8035E+00 | 8.5598E+00 |
| 17.5 | 2.3438E-02 | -1.1133E-01 | 1.8107E+00 | 8.6011E+00 |
| 17.6 | 2.3288E-02 | -1.1081E-01 | 1.8165E+00 | 8.6431E+00 |
| 17.7 | 2.3121E-02 | -1.1028E-01 | 1.8210E+00 | 8.6859E+00 |
| 17.8 | 2.2939E-02 | -1.0976E-01 | 1.8245E+00 | 8.7299E+00 |
| 17.9 | 2.2744E-02 | -1.0922E-01 | 1.8273E+00 | 8.7751E+00 |
| 18.0 | 2.2540E-02 | -1.0868E-01 | 1.8295E+00 | 8.8216E+00 |
| 18.1 | 2.2330E-02 | -1.0814E-01 | 1.8315E+00 | 8.8695E+00 |
| 18.2 | 2.2117E-02 | -1.0758E-01 | 1.8336E+00 | 8.9186E+00 |
| 18.3 | 2.1905E-02 | -1.0701E-01 | 1.8359E+00 | 8.9691E+00 |
| 18.4 | 2.1696E-02 | -1.0643E-01 | 1.8388E+00 | 9.0207E+00 |
| 18.5 | 2.1494E-02 | -1.0585E-01 | 1.8424E+00 | 9.0733E+00 |
| 18.6 | 2.1300E-02 | -1.0526E-01 | 1.8469E+00 | 9.1267E+00 |
| 18.7 | 2.1117E-02 | -1.0466E-01 | 1.8523E+00 | 9.1806E+00 |
| 18.8 | 2.0946E-02 | -1.0407E-01 | 1.8588E+00 | 9.2350E+00 |
| 18.9 | 2.0787E-02 | -1.0347E-01 | 1.8663E+00 | 9.2896E+00 |
| 19.0 | 2.0642E-02 | -1.0288E-01 | 1.8749E+00 | 9.3441E+00 |
| 19.1 | 2.0510E-02 | -1.0229E-01 | 1.8845E+00 | 9.3984E+00 |
| 19.2 | 2.0390E-02 | -1.0171E-01 | 1.8950E+00 | 9.4523E+00 |
| 19.3 | 2.0282E-02 | -1.0113E-01 | 1.9063E+00 | 9.5057E+00 |
| 19.4 | 2.0183E-02 | -1.0057E-01 | 1.9182E+00 | 9.5583E+00 |
| 19.5 | 2.0094E-02 | -1.0002E-01 | 1.9307E+00 | 9.6102E+00 |
| 19.6 | 2.0011E-02 | -9.9482E-02 | 1.9434E+00 | 9.6612E+00 |
| 19.7 | 1.9934E-02 | -9.8957E-02 | 1.9562E+00 | 9.7113E+00 |
| 19.8 | 1.9860E-02 | -9.8446E-02 | 1.9691E+00 | 9.7607E+00 |
| 19.9 | 1.9788E-02 | -9.7947E-02 | 1.9817E+00 | 9.8092E+00 |
| 20.0 | 1.9716E-02 | -9.7462E-02 | 1.9940E+00 | 9.8570E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|-----|-------------|-------------|-------------|------------|
| 0.0 | 1.0000E+00 | 0.0000E-01 | 1.0000E+00 | 0.0000E-01 |
| 0.1 | 1.0012E+00 | -2.1777E-04 | 9.9877E-01 | 2.1724E-04 |
| 0.2 | 1.0050E+00 | -8.7976E-04 | 9.9507E-01 | 8.7110E-04 |
| 0.3 | 1.0112E+00 | -2.0126E-03 | 9.8888E-01 | 1.9681E-03 |
| 0.4 | 1.0202E+00 | -3.6630E-03 | 9.8018E-01 | 3.5192E-03 |
| 0.5 | 1.0320E+00 | -5.9015E-03 | 9.6891E-01 | 5.5404E-03 |
| 0.6 | 1.0470E+00 | -8.8284E-03 | 9.5504E-01 | 8.0529E-03 |
| 0.7 | 1.0654E+00 | -1.2583E-02 | 9.3847E-01 | 1.1084E-02 |
| 0.8 | 1.0877E+00 | -1.7357E-02 | 9.1913E-01 | 1.4667E-02 |
| 0.9 | 1.1144E+00 | -2.3413E-02 | 8.9692E-01 | 1.8844E-02 |
| 1.0 | 1.1463E+00 | -3.1121E-02 | 8.7171E-01 | 2.3665E-02 |
| 1.1 | 1.1843E+00 | -4.0998E-02 | 8.4334E-01 | 2.9194E-02 |
| 1.2 | 1.2297E+00 | -5.3789E-02 | 8.1167E-01 | 3.5504E-02 |
| 1.3 | 1.2840E+00 | -7.0591E-02 | 7.7647E-01 | 4.2688E-02 |
| 1.4 | 1.3495E+00 | -9.3055E-02 | 7.3752E-01 | 5.0857E-02 |
| 1.5 | 1.4291E+00 | -1.2375E-01 | 6.9455E-01 | 6.0146E-02 |
| 1.6 | 1.5268E+00 | -1.6684E-01 | 6.4722E-01 | 7.0725E-02 |
| 1.7 | 1.6483E+00 | -2.2931E-01 | 5.9517E-01 | 8.2801E-02 |
| 1.8 | 1.8008E+00 | -3.2348E-01 | 5.3795E-01 | 9.0634E-02 |
| 1.9 | 1.9932E+00 | -4.7227E-01 | 4.7503E-01 | 1.1255E-01 |
| 2.0 | 2.2319E+00 | -7.2036E-01 | 4.0578E-01 | 1.3097E-01 |
| 2.1 | 2.5002E+00 | -1.1567E+00 | 3.2945E-01 | 1.5242E-01 |
| 2.2 | 2.6752E+00 | -1.9381E+00 | 2.4514E-01 | 1.7760E-01 |
| 2.3 | 2.2974E+00 | -3.1399E+00 | 1.5177E-01 | 2.0743E-01 |
| 2.4 | 7.8192E-01 | -3.9585E+00 | 4.8026E-02 | 2.4313E-01 |
| 2.5 | -7.8172E-01 | -3.3071E+00 | -6.7694E-02 | 2.8638E-01 |
| 2.6 | -1.2799E+00 | -2.2018E+00 | -1.9733E-01 | 3.3947E-01 |
| 2.7 | -1.2156E+00 | -1.4367E+00 | -3.4322E-01 | 4.0564E-01 |
| 2.8 | -1.0206E+00 | -9.8328E-01 | -5.0815E-01 | 4.8955E-01 |
| 2.9 | -8.2669E-01 | -7.1099E-01 | -6.9533E-01 | 5.9801E-01 |
| 3.0 | -6.6088E-01 | -5.3944E-01 | -9.0811E-01 | 7.4123E-01 |
| 3.1 | -5.2368E-01 | -4.2597E-01 | -1.1492E+00 | 9.3479E-01 |
| 3.2 | -4.1012E-01 | -3.4777E-01 | -1.4184E+00 | 1.2028E+00 |
| 3.3 | -3.1510E-01 | -2.9208E-01 | -1.7069E+00 | 1.5823E+00 |
| 3.4 | -2.3439E-01 | -2.5146E-01 | -1.9835E+00 | 2.1279E+00 |
| 3.5 | -1.6474E-01 | -2.2136E-01 | -2.1636E+00 | 2.9072E+00 |
| 3.6 | -1.0365E-01 | -1.9894E-01 | -2.0598E+00 | 3.9534E+00 |
| 3.7 | -4.9196E-02 | -1.8235E-01 | -1.3791E+00 | 5.1119E+00 |
| 3.8 | 1.3627E-04 | -1.7039E-01 | 4.6934E-03 | 5.8687E+00 |
| 3.9 | 4.5543E-02 | -1.6232E-01 | 1.6024E+00 | 5.7111E+00 |
| 4.0 | 8.8000E-02 | -1.5768E-01 | 2.6989E+00 | 4.8358E+00 |
| 4.1 | 1.2832E-01 | -1.5626E-01 | 3.1386E+00 | 3.8221E+00 |
| 4.2 | 1.6719E-01 | -1.5810E-01 | 3.1577E+00 | 2.9860E+00 |
| 4.3 | 2.0518E-01 | -1.6340E-01 | 2.9823E+00 | 2.3751E+00 |
| 4.4 | 2.4278E-01 | -1.7264E-01 | 2.7357E+00 | 1.9453E+00 |
| 4.5 | 2.8033E-01 | -1.8656E-01 | 2.4723E+00 | 1.6453E+00 |
| 4.6 | 3.1798E-01 | -2.0627E-01 | 2.2134E+00 | 1.4358E+00 |
| 4.7 | 3.5554E-01 | -2.3334E-01 | 1.9659E+00 | 1.2902E+00 |
| 4.8 | 3.9217E-01 | -2.6989E-01 | 1.7304E+00 | 1.1908E+00 |
| 4.9 | 4.2589E-01 | -3.1865E-01 | 1.5053E+00 | 1.1263E+00 |
| 5.0 | 4.5269E-01 | -3.8264E-01 | 1.2884E+00 | 1.0891E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|-------------|-------------|-------------|------------|
| 5.0 | 4.5269E-01 | -3.8264E-01 | 1.2884E+00 | 1.0891E+00 |
| 5.1 | 4.6533E-01 | -4.6413E-01 | 1.0773E+00 | 1.0745E+00 |
| 5.2 | 4.5246E-01 | -5.6184E-01 | 8.6947E-01 | 1.0797E+00 |
| 5.3 | 4.0021E-01 | -6.6600E-01 | 6.6290E-01 | 1.1032E+00 |
| 5.4 | 3.0019E-01 | -7.5414E-01 | 4.5563E-01 | 1.1446E+00 |
| 5.5 | 1.6269E-01 | -7.9677E-01 | 2.4601E-01 | 1.2048E+00 |
| 5.6 | 1.9747E-02 | -7.7748E-01 | 3.2647E-02 | 1.2854E+00 |
| 5.7 | -9.4449E-02 | -7.0734E-01 | -1.8546E-01 | 1.3890E+00 |
| 5.8 | -1.6509E-01 | -6.1370E-01 | -4.0876E-01 | 1.5195E+00 |
| 5.9 | -1.9684E-01 | -5.1996E-01 | -6.3679E-01 | 1.6822E+00 |
| 6.0 | -2.0171E-01 | -4.3793E-01 | -8.6768E-01 | 1.8838E+00 |
| 6.1 | -1.9070E-01 | -3.7072E-01 | -1.0972E+00 | 2.1330E+00 |
| 6.2 | -1.7131E-01 | -3.1730E-01 | -1.3175E+00 | 2.4402E+00 |
| 6.3 | -1.4809E-01 | -2.7537E-01 | -1.5148E+00 | 2.8168E+00 |
| 6.4 | -1.2353E-01 | -2.4259E-01 | -1.6669E+00 | 3.2733E+00 |
| 6.5 | -9.8980E-02 | -2.1701E-01 | -1.7399E+00 | 3.8146E+00 |
| 6.6 | -7.5068E-02 | -1.9709E-01 | -1.6877E+00 | 4.4310E+00 |
| 6.7 | -5.2068E-02 | -1.8170E-01 | -1.4574E+00 | 5.0860E+00 |
| 6.8 | -3.0054E-02 | -1.7000E-01 | -1.0084E+00 | 5.7042E+00 |
| 6.9 | -8.9981E-03 | -1.6138E-01 | -3.4441E-01 | 6.1772E+00 |
| 7.0 | 1.1172E-02 | -1.5544E-01 | 4.5998E-01 | 6.4001E+00 |
| 7.1 | 3.0541E-02 | -1.5190E-01 | 1.2721E+00 | 6.3273E+00 |
| 7.2 | 4.9185E-02 | -1.5061E-01 | 1.9594E+00 | 5.9998E+00 |
| 7.3 | 6.7154E-02 | -1.5151E-01 | 2.4452E+00 | 5.5166E+00 |
| 7.4 | 8.4454E-02 | -1.5462E-01 | 2.7207E+00 | 4.9813E+00 |
| 7.5 | 1.0103E-01 | -1.6007E-01 | 2.8196E+00 | 4.4675E+00 |
| 7.6 | 1.1673E-01 | -1.6804E-01 | 2.7884E+00 | 4.0140E+00 |
| 7.7 | 1.3129E-01 | -1.7875E-01 | 2.6691E+00 | 3.6340E+00 |
| 7.8 | 1.4424E-01 | -1.9246E-01 | 2.4935E+00 | 3.3271E+00 |
| 7.9 | 1.5491E-01 | -2.0938E-01 | 2.2835E+00 | 3.0865E+00 |
| 8.0 | 1.6232E-01 | -2.2958E-01 | 2.0532E+00 | 2.9041E+00 |
| 8.1 | 1.6520E-01 | -2.5279E-01 | 1.8115E+00 | 2.7720E+00 |
| 8.2 | 1.6208E-01 | -2.7817E-01 | 1.5637E+00 | 2.6838E+00 |
| 8.3 | 1.5155E-01 | -3.0405E-01 | 1.3131E+00 | 2.6345E+00 |
| 8.4 | 1.3279E-01 | -3.2782E-01 | 1.0615E+00 | 2.6205E+00 |
| 8.5 | 1.0625E-01 | -3.4623E-01 | 8.1007E-01 | 2.6397E+00 |
| 8.6 | 7.4107E-02 | -3.5621E-01 | 5.5983E-01 | 2.6909E+00 |
| 8.7 | 4.0005E-02 | -3.5597E-01 | 3.1177E-01 | 2.7742E+00 |
| 8.8 | 8.0533E-03 | -3.4578E-01 | 6.7318E-02 | 2.8904E+00 |
| 8.9 | -1.8471E-02 | -3.2776E-01 | -1.7140E-01 | 3.0414E+00 |
| 9.0 | -3.7882E-02 | -3.0495E-01 | -4.0117E-01 | 3.2294E+00 |
| 9.1 | -5.0051E-02 | -2.8030E-01 | -6.1734E-01 | 3.4573E+00 |
| 9.2 | -5.5859E-02 | -2.5606E-01 | -8.1323E-01 | 3.7279E+00 |
| 9.3 | -5.6607E-02 | -2.3361E-01 | -9.7975E-01 | 4.0433E+00 |
| 9.4 | -5.3600E-02 | -2.1363E-01 | -1.1049E+00 | 4.4037E+00 |
| 9.5 | -4.7954E-02 | -1.9635E-01 | -1.1738E+00 | 4.8062E+00 |
| 9.6 | -4.0537E-02 | -1.8172E-01 | -1.1694E+00 | 5.2421E+00 |
| 9.7 | -3.1988E-02 | -1.6955E-01 | -1.0745E+00 | 5.6953E+00 |
| 9.8 | -2.2764E-02 | -1.5962E-01 | -8.7565E-01 | 6.1401E+00 |
| 9.9 | -1.3183E-02 | -1.5170E-01 | -5.6854E-01 | 6.5424E+00 |
| 10.0 | -3.4689E-03 | -1.4560E-01 | -1.6353E-01 | 6.8641E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|-------------|-------------|-------------|------------|
| 10.0 | -3.4689E-03 | -1.4560E-01 | -1.6353E-01 | 6.8641E+00 |
| 10.1 | 6.2203E-03 | -1.4116E-01 | 3.1158E-01 | 7.0706E+00 |
| 10.2 | 1.5766E-02 | -1.3823E-01 | 8.1445E-01 | 7.1412E+00 |
| 10.3 | 2.5069E-02 | -1.3675E-01 | 1.2970E+00 | 7.0750E+00 |
| 10.4 | 3.4039E-02 | -1.3663E-01 | 1.7168E+00 | 6.8913E+00 |
| 10.5 | 4.2573E-02 | -1.3785E-01 | 2.0454E+00 | 6.6227E+00 |
| 10.6 | 5.0553E-02 | -1.4038E-01 | 2.2709E+00 | 6.3059E+00 |
| 10.7 | 5.7830E-02 | -1.4420E-01 | 2.3957E+00 | 5.9738E+00 |
| 10.8 | 6.4218E-02 | -1.4931E-01 | 2.4309E+00 | 5.6520E+00 |
| 10.9 | 6.9483E-02 | -1.5564E-01 | 2.3917E+00 | 5.3573E+00 |
| 11.0 | 7.3352E-02 | -1.6310E-01 | 2.2936E+00 | 5.0998E+00 |
| 11.1 | 7.5515E-02 | -1.7150E-01 | 2.1506E+00 | 4.8840E+00 |
| 11.2 | 7.5655E-02 | -1.8054E-01 | 1.9744E+00 | 4.7116E+00 |
| 11.3 | 7.3498E-02 | -1.8978E-01 | 1.7745E+00 | 4.5820E+00 |
| 11.4 | 6.8880E-02 | -1.9864E-01 | 1.5583E+00 | 4.4939E+00 |
| 11.5 | 6.1828E-02 | -2.0642E-01 | 1.3316E+00 | 4.4457E+00 |
| 11.6 | 5.2632E-02 | -2.1239E-01 | 1.0993E+00 | 4.4359E+00 |
| 11.7 | 4.1859E-02 | -2.1593E-01 | 8.6528E-01 | 4.4634E+00 |
| 11.8 | 3.0306E-02 | -2.1664E-01 | 6.3334E-01 | 4.5274E+00 |
| 11.9 | 1.8869E-02 | -2.1445E-01 | 4.0715E-01 | 4.6273E+00 |
| 12.0 | 8.3907E-03 | -2.0962E-01 | 1.9065E-01 | 4.7628E+00 |
| 12.1 | -4.8173E-04 | -2.0268E-01 | -1.1726E-02 | 4.9338E+00 |
| 12.2 | -7.3638E-03 | -1.9429E-01 | -1.9480E-01 | 5.1396E+00 |
| 12.3 | -1.2132E-02 | -1.8510E-01 | -3.5257E-01 | 5.3793E+00 |
| 12.4 | -1.4869E-02 | -1.7572E-01 | -4.7816E-01 | 5.6506E+00 |
| 12.5 | -1.5790E-02 | -1.6658E-01 | -5.6395E-01 | 5.9496E+00 |
| 12.6 | -1.5173E-02 | -1.5803E-01 | -6.0204E-01 | 6.2703E+00 |
| 12.7 | -1.3310E-02 | -1.5025E-01 | -5.8498E-01 | 6.6036E+00 |
| 12.8 | -1.0477E-02 | -1.4338E-01 | -5.0693E-01 | 6.9376E+00 |
| 12.9 | -6.9148E-03 | -1.3745E-01 | -3.6509E-01 | 7.2571E+00 |
| 13.0 | -2.8316E-03 | -1.3248E-01 | -1.6127E-01 | 7.5450E+00 |
| 13.1 | 1.6001E-03 | -1.2844E-01 | 9.6976E-02 | 7.7843E+00 |
| 13.2 | 6.2357E-03 | -1.2532E-01 | 3.9605E-01 | 7.9598E+00 |
| 13.3 | 1.0952E-02 | -1.2308E-01 | 7.1735E-01 | 8.0613E+00 |
| 13.4 | 1.5642E-02 | -1.2167E-01 | 1.0395E+00 | 8.0854E+00 |
| 13.5 | 2.0206E-02 | -1.2107E-01 | 1.3412E+00 | 8.0360E+00 |
| 13.6 | 2.4551E-02 | -1.2123E-01 | 1.6046E+00 | 7.9236E+00 |
| 13.7 | 2.8580E-02 | -1.2213E-01 | 1.8166E+00 | 7.7628E+00 |
| 13.8 | 3.2196E-02 | -1.2372E-01 | 1.9701E+00 | 7.5703E+00 |
| 13.9 | 3.5296E-02 | -1.2593E-01 | 2.0635E+00 | 7.3624E+00 |
| 14.0 | 3.7772E-02 | -1.2871E-01 | 2.0994E+00 | 7.1535E+00 |
| 14.1 | 3.9517E-02 | -1.3194E-01 | 2.0831E+00 | 6.9551E+00 |
| 14.2 | 4.0429E-02 | -1.3552E-01 | 2.0216E+00 | 6.7761E+00 |
| 14.3 | 4.0426E-02 | -1.3927E-01 | 1.9224E+00 | 6.6225E+00 |
| 14.4 | 3.9452E-02 | -1.4300E-01 | 1.7929E+00 | 6.4985E+00 |
| 14.5 | 3.7502E-02 | -1.4649E-01 | 1.6400E+00 | 6.4064E+00 |
| 14.6 | 3.4630E-02 | -1.4952E-01 | 1.4702E+00 | 6.3476E+00 |
| 14.7 | 3.0958E-02 | -1.5185E-01 | 1.2890E+00 | 6.3226E+00 |
| 14.8 | 2.6678E-02 | -1.5330E-01 | 1.1018E+00 | 6.3313E+00 |
| 14.9 | 2.2034E-02 | -1.5374E-01 | 9.1342E-01 | 6.3734E+00 |
| 15.0 | 1.7301E-02 | -1.5312E-01 | 7.2858E-01 | 6.4483E+00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|-------------|-------------|-------------|------------|
| 15.0 | 1.7301E-02 | -1.5312E-01 | 7.2858E-01 | 6.4483E+00 |
| 15.1 | 1.2753E-02 | -1.5148E-01 | 5.5183E-01 | 6.5549E+00 |
| 15.2 | 8.6311E-03 | -1.4893E-01 | 3.8782E-01 | 6.6920E+00 |
| 15.3 | 5.1238E-03 | -1.4564E-01 | 2.4126E-01 | 6.8577E+00 |
| 15.4 | 2.3527E-03 | -1.4182E-01 | 1.1695E-01 | 7.0495E+00 |
| 15.5 | 3.7377E-04 | -1.3766E-01 | 1.9723E-02 | 7.2641E+00 |
| 15.6 | -8.1436E-04 | -1.3338E-01 | -4.5774E-02 | 7.4970E+00 |
| 15.7 | -1.2568E-03 | -1.2914E-01 | -7.5352E-02 | 7.7427E+00 |
| 15.8 | -1.0280E-03 | -1.2508E-01 | -6.5698E-02 | 7.9941E+00 |
| 15.9 | -2.1896E-04 | -1.2131E-01 | -1.4878E-02 | 8.2431E+00 |
| 16.0 | 1.0725E-03 | -1.1791E-01 | 7.7142E-02 | 8.4806E+00 |
| 16.1 | 2.7488E-03 | -1.1491E-01 | 2.0804E-01 | 8.6971E+00 |
| 16.2 | 4.7164E-03 | -1.1237E-01 | 3.7286E-01 | 8.8835E+00 |
| 16.3 | 6.8878E-03 | -1.1029E-01 | 5.6407E-01 | 9.0319E+00 |
| 16.4 | 9.1820E-03 | -1.0867E-01 | 7.7198E-01 | 9.1367E+00 |
| 16.5 | 1.1524E-02 | -1.0752E-01 | 9.8554E-01 | 9.1951E+00 |
| 16.6 | 1.3844E-02 | -1.0681E-01 | 1.1933E+00 | 9.2074E+00 |
| 16.7 | 1.6075E-02 | -1.0654E-01 | 1.3847E+00 | 9.1773E+00 |
| 16.8 | 1.8154E-02 | -1.0667E-01 | 1.5506E+00 | 9.1109E+00 |
| 16.9 | 2.0023E-02 | -1.0717E-01 | 1.6845E+00 | 9.0161E+00 |
| 17.0 | 2.1622E-02 | -1.0801E-01 | 1.7821E+00 | 8.9019E+00 |
| 17.1 | 2.2900E-02 | -1.0913E-01 | 1.8419E+00 | 8.7772E+00 |
| 17.2 | 2.3809E-02 | -1.1047E-01 | 1.8644E+00 | 8.6505E+00 |
| 17.3 | 2.4309E-02 | -1.1197E-01 | 1.8518E+00 | 8.5292E+00 |
| 17.4 | 2.4374E-02 | -1.1354E-01 | 1.8075E+00 | 8.4196E+00 |
| 17.5 | 2.3993E-02 | -1.1509E-01 | 1.7358E+00 | 8.3266E+00 |
| 17.6 | 2.3173E-02 | -1.1654E-01 | 1.6412E+00 | 8.2542E+00 |
| 17.7 | 2.1945E-02 | -1.1779E-01 | 1.5286E+00 | 8.2048E+00 |
| 17.8 | 2.0363E-02 | -1.1875E-01 | 1.4028E+00 | 8.1805E+00 |
| 17.9 | 1.8501E-02 | -1.1935E-01 | 1.2684E+00 | 8.1822E+00 |
| 18.0 | 1.6450E-02 | -1.1953E-01 | 1.1299E+00 | 8.2104E+00 |
| 18.1 | 1.4315E-02 | -1.1928E-01 | 9.9191E-01 | 8.2648E+00 |
| 18.2 | 1.2200E-02 | -1.1858E-01 | 8.5855E-01 | 8.3447E+00 |
| 18.3 | 1.0205E-02 | -1.1747E-01 | 7.3399E-01 | 8.4488E+00 |
| 18.4 | 8.4165E-03 | -1.1600E-01 | 6.2218E-01 | 8.5753E+00 |
| 18.5 | 6.9009E-03 | -1.1424E-01 | 5.2687E-01 | 8.7218E+00 |
| 18.6 | 5.7046E-03 | -1.1226E-01 | 4.5153E-01 | 8.8853E+00 |
| 18.7 | 4.8519E-03 | -1.1014E-01 | 3.9921E-01 | 9.0620E+00 |
| 18.8 | 4.3471E-03 | -1.0796E-01 | 3.7236E-01 | 9.2475E+00 |
| 18.9 | 4.1781E-03 | -1.0580E-01 | 3.7267E-01 | 9.4369E+00 |
| 19.0 | 4.3197E-03 | -1.0372E-01 | 4.0085E-01 | 9.6247E+00 |
| 19.1 | 4.7373E-03 | -1.0177E-01 | 4.5643E-01 | 9.8051E+00 |
| 19.2 | 5.3906E-03 | -9.9986E-02 | 5.3765E-01 | 9.9724E+00 |
| 19.3 | 6.2359E-03 | -9.8408E-02 | 6.4136E-01 | 1.0121E+01 |
| 19.4 | 7.2280E-03 | -9.7053E-02 | 7.6314E-01 | 1.0247E+01 |
| 19.5 | 8.3221E-03 | -9.5934E-02 | 8.9748E-01 | 1.0346E+01 |
| 19.6 | 9.4740E-03 | -9.5059E-02 | 1.0381E+00 | 1.0416E+01 |
| 19.7 | 1.0641E-02 | -9.4425E-02 | 1.1785E+00 | 1.0458E+01 |
| 19.8 | 1.1784E-02 | -9.4026E-02 | 1.3123E+00 | 1.0471E+01 |
| 19.9 | 1.2863E-02 | -9.3849E-02 | 1.4335E+00 | 1.0459E+01 |
| 20.0 | 1.3843E-02 | -9.3878E-02 | 1.5373E+00 | 1.0425E+01 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|-----|-------------|---------|-------------|-------|
| 0.0 | 1.0000E+00 | 0.00 | 1.0000E+00 | 0.00 |
| 0.1 | 1.0013E+00 | | 9.9875E-01 | |
| 0.2 | 1.0050E+00 | | 9.9499E-01 | |
| 0.3 | 1.0114E+00 | | 9.8871E-01 | |
| 0.4 | 1.0205E+00 | | 9.7987E-01 | |
| 0.5 | 1.0326E+00 | | 9.6842E-01 | |
| 0.6 | 1.0479E+00 | | 9.5431E-01 | |
| 0.7 | 1.0667E+00 | | 9.3746E-01 | |
| 0.8 | 1.0896E+00 | | 9.1778E-01 | |
| 0.9 | 1.1171E+00 | | 8.9515E-01 | |
| 1.0 | 1.1502E+00 | 0.00 | 8.6944E-01 | 0.00 |
| 1.1 | 1.1898E+00 | | 8.4050E-01 | |
| 1.2 | 1.2374E+00 | | 8.0812E-01 | |
| 1.3 | 1.2952E+00 | | 7.7210E-01 | |
| 1.4 | 1.3658E+00 | | 7.3217E-01 | |
| 1.5 | 1.4534E+00 | | 6.8802E-01 | |
| 1.6 | 1.5643E+00 | | 6.3928E-01 | |
| 1.7 | 1.7079E+00 | | 5.8551E-01 | |
| 1.8 | 1.9005E+00 | | 5.2619E-01 | |
| 1.9 | 2.1707E+00 | | 4.6068E-01 | |
| 2.0 | 2.5759E+00 | 0.00 | 3.8821E-01 | 0.00 |
| 2.1 | 3.2485E+00 | | 3.0783E-01 | |
| 2.2 | 4.5797E+00 | | 2.1836E-01 | |
| 2.3 | 8.4526E+00 | | 1.1831E-01 | |
| 2.4 | 1.7287E+02 | | 5.7848E-03 | |
| 2.5 | -8.2192E+00 | | -1.2167E-01 | |
| 2.6 | -3.7412E+00 | | -2.6729E-01 | |
| 2.7 | -2.2963E+00 | | -4.3548E-01 | |
| 2.8 | -1.5816E+00 | | -6.3228E-01 | |
| 2.9 | -1.1543E+00 | | -8.6635E-01 | |
| 3.0 | -8.6921E-01 | 0.00 | -1.1505E+00 | 0.00 |
| 3.1 | -6.6473E-01 | | -1.5044E+00 | |
| 3.2 | -5.1014E-01 | | -1.9603E+00 | |
| 3.3 | -3.8843E-01 | | -2.5745E+00 | |
| 3.4 | -2.8940E-01 | | -3.4554E+00 | |
| 3.5 | -2.0651E-01 | | -4.8423E+00 | |
| 3.6 | -1.3538E-01 | | -7.3868E+00 | |
| 3.7 | -7.2889E-02 | | -1.3720E+01 | |
| 3.8 | -1.6763E-02 | | -5.9656E+01 | |
| 3.9 | 3.4770E-02 | | 2.8761E+01 | |
| 4.0 | 8.3147E-02 | 0.00 | 1.2027E+01 | 0.00 |
| 4.1 | 1.2961E-01 | | 7.7152E+00 | |
| 4.2 | 1.7533E-01 | | 5.7035E+00 | |
| 4.3 | 2.2147E-01 | | 4.5154E+00 | |
| 4.4 | 2.6930E-01 | | 3.7133E+00 | |
| 4.5 | 3.2037E-01 | | 3.1214E+00 | |
| 4.6 | 3.7666E-01 | | 2.6549E+00 | |
| 4.7 | 4.4094E-01 | | 2.2679E+00 | |
| 4.8 | 5.1731E-01 | | 1.9331E+00 | |
| 4.9 | 6.1241E-01 | | 1.6329E+00 | |
| 5.0 | 7.3780E-01 | 0.00 | 1.3554E+00 | 0.00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|-------------|---------|-------------|-------|
| 5.0 | 7.3780E-01 | 0.00 | 1.3554E+00 | 0.00 |
| 5.1 | 9.1589E-01 | | 1.0918E+00 | |
| 5.2 | 1.1969E+00 | | 8.3548E-01 | |
| 5.3 | 1.7222E+00 | | 5.8064E-01 | |
| 5.4 | 3.1037E+00 | | 3.2219E-01 | |
| 5.5 | 1.8142E+01 | | 5.5122E-02 | |
| 5.6 | -4.4272E+00 | | -2.2588E-01 | |
| 5.7 | -1.8981E+00 | | -5.2683E-01 | |
| 5.8 | -1.1696E+00 | | -8.5503E-01 | |
| 5.9 | -8.1984E-01 | | -1.2197E+00 | |
| 6.0 | -6.1222E-01 | 0.00 | -1.6334E+00 | 0.00 |
| 6.1 | -4.7318E-01 | | -2.1134E+00 | |
| 6.2 | -3.7242E-01 | | -2.6852E+00 | |
| 6.3 | -2.9516E-01 | | -3.3880E+00 | |
| 6.4 | -2.3329E-01 | | -4.2865E+00 | |
| 6.5 | -1.8199E-01 | | -5.4947E+00 | |
| 6.6 | -1.3820E-01 | | -7.2359E+00 | |
| 6.7 | -9.9838E-02 | | -1.0016E+01 | |
| 6.8 | -6.5446E-02 | | -1.5280E+01 | |
| 6.9 | -3.3937E-02 | | -2.9467E+01 | |
| 7.0 | -4.4587E-03 | 0.00 | -2.2428E+02 | 0.00 |
| 7.1 | 2.3693E-02 | | 4.2207E+01 | |
| 7.2 | 5.1144E-02 | | 1.9553E+01 | |
| 7.3 | 7.8490E-02 | | 1.2741E+01 | |
| 7.4 | 1.0635E-01 | | 9.4030E+00 | |
| 7.5 | 1.3541E-01 | | 7.3847E+00 | |
| 7.6 | 1.6653E-01 | | 6.0051E+00 | |
| 7.7 | 2.0078E-01 | | 4.9806E+00 | |
| 7.8 | 2.3968E-01 | | 4.1721E+00 | |
| 7.9 | 2.8549E-01 | | 3.5027E+00 | |
| 8.0 | 3.4173E-01 | 0.00 | 2.9262E+00 | 0.00 |
| 8.1 | 4.1444E-01 | | 2.4129E+00 | |
| 8.2 | 5.1488E-01 | | 1.9422E+00 | |
| 8.3 | 6.6697E-01 | | 1.4993E+00 | |
| 8.4 | 9.3227E-01 | | 1.0727E+00 | |
| 8.5 | 1.5323E+00 | | 6.5261E-01 | |
| 8.6 | 4.3378E+00 | | 2.3053E-01 | |
| 8.7 | -4.9514E+00 | | -2.0196E-01 | |
| 8.8 | -1.5297E+00 | | -6.5372E-01 | |
| 8.9 | -8.8127E-01 | | -1.1347E+00 | |
| 9.0 | -6.0347E-01 | 0.00 | -1.6571E+00 | 0.00 |
| 9.1 | -4.4716E-01 | | -2.2363E+00 | |
| 9.2 | -3.4562E-01 | | -2.8934E+00 | |
| 9.3 | -2.7338E-01 | | -3.6579E+00 | |
| 9.4 | -2.1862E-01 | | -4.5742E+00 | |
| 9.5 | -1.7507E-01 | | -5.7121E+00 | |
| 9.6 | -1.3909E-01 | | -7.1894E+00 | |
| 9.7 | -1.0843E-01 | | -9.2226E+00 | |
| 9.8 | -8.1571E-02 | | -1.2259E+01 | |
| 9.9 | -5.7469E-02 | | -1.7401E+01 | |
| 10.0 | -3.5353E-02 | 0.00 | -2.8286E+01 | 0.00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|-------------|---------|-------------|-------|
| 10.0 | -3.5353E-02 | 0.00 | -2.8286E+01 | 0.00 |
| 10.1 | -1.4627E-02 | | -6.8365E+01 | |
| 10.2 | 5.1967E-03 | | 1.9243E+02 | |
| 10.3 | 2.4549E-02 | | 4.0735E+01 | |
| 10.4 | 4.3833E-02 | | 2.2814E+01 | |
| 10.5 | 6.3466E-02 | | 1.5757E+01 | |
| 10.6 | 8.3905E-02 | | 1.1918E+01 | |
| 10.7 | 1.0570E-01 | | 9.4606E+00 | |
| 10.8 | 1.2956E-01 | | 7.7183E+00 | |
| 10.9 | 1.5645E-01 | | 6.3919E+00 | |
| 11.0 | 1.8776E-01 | 0.00 | 5.3259E+00 | 0.00 |
| 11.1 | 2.2566E-01 | | 4.4315E+00 | |
| 11.2 | 2.7372E-01 | | 3.6534E+00 | |
| 11.3 | 3.3838E-01 | | 2.9553E+00 | |
| 11.4 | 4.3260E-01 | | 2.3116E+00 | |
| 11.5 | 5.8708E-01 | | 1.7034E+00 | |
| 11.6 | 8.9655E-01 | | 1.1154E+00 | |
| 11.7 | 1.8696E+00 | | 5.3488E-01 | |
| 11.8 | -2.0013E+01 | | -4.9967E-02 | |
| 11.9 | -1.5364E+00 | | -6.5089E-01 | |
| 12.0 | -7.8091E-01 | 0.00 | -1.2806E+00 | 0.00 |
| 12.1 | -5.1188E-01 | | -1.9536E+00 | |
| 12.2 | -3.7201E-01 | | -2.6881E+00 | |
| 12.3 | -2.8508E-01 | | -3.5077E+00 | |
| 12.4 | -2.2497E-01 | | -4.4451E+00 | |
| 12.5 | -1.8026E-01 | | -5.5475E+00 | |
| 12.6 | -1.4520E-01 | | -6.8873E+00 | |
| 12.7 | -1.1652E-01 | | -8.5819E+00 | |
| 12.8 | -9.2268E-02 | | -1.0838E+01 | |
| 12.9 | -7.1147E-02 | | -1.4055E+01 | |
| 13.0 | -5.2280E-02 | 0.00 | -1.9128E+01 | 0.00 |
| 13.1 | -3.5034E-02 | | -2.8543E+01 | |
| 13.2 | -1.8926E-02 | | -5.2837E+01 | |
| 13.3 | -3.5665E-03 | | -2.8039E+02 | |
| 13.4 | 1.1379E-02 | | 8.7882E+01 | |
| 13.5 | 2.6220E-02 | | 3.8139E+01 | |
| 13.6 | 4.1266E-02 | | 2.4233E+01 | |
| 13.7 | 5.6853E-02 | | 1.7589E+01 | |
| 13.8 | 7.3376E-02 | | 1.3629E+01 | |
| 13.9 | 9.1329E-02 | | 1.0949E+01 | |
| 14.0 | 1.1138E-01 | 0.00 | 8.9785E+00 | 0.00 |
| 14.1 | 1.3446E-01 | | 7.4371E+00 | |
| 14.2 | 1.6201E-01 | | 6.1726E+00 | |
| 14.3 | 1.9631E-01 | | 5.0941E+00 | |
| 14.4 | 2.4134E-01 | | 4.1435E+00 | |
| 14.5 | 3.0476E-01 | | 3.2813E+00 | |
| 14.6 | 4.0341E-01 | | 2.4789E+00 | |
| 14.7 | 5.8330E-01 | | 1.7144E+00 | |
| 14.8 | 1.0309E+00 | | 9.7005E-01 | |
| 14.9 | 4.3447E+00 | | 2.3017E-01 | |
| 15.0 | -1.9225E+00 | 0.00 | -5.2014E-01 | 0.00 |

| R | RE(PHI) | IM(PHI) | RE(F) | IM(F) |
|------|-------------|---------|-------------|-------|
| 15.0 | -1.9225E+00 | 0.00 | -5.2014E-01 | 0.00 |
| 15.1 | -7.7147E-01 | | -1.2962E+00 | |
| 15.2 | -4.7279E-01 | | -2.1151E+00 | |
| 15.3 | -3.3365E-01 | | -2.9971E+00 | |
| 15.4 | -2.5201E-01 | | -3.9681E+00 | |
| 15.5 | -1.9753E-01 | | -5.0626E+00 | |
| 15.6 | -1.5799E-01 | | -6.3296E+00 | |
| 15.7 | -1.2752E-01 | | -7.8418E+00 | |
| 15.8 | -1.0294E-01 | | -9.7142E+00 | |
| 15.9 | -8.2369E-02 | | -1.2141E+01 | |
| 16.0 | -6.4607E-02 | 0.00 | -1.5478E+01 | 0.00 |
| 16.1 | -4.8855E-02 | | -2.0469E+01 | |
| 16.2 | -3.4545E-02 | | -2.8948E+01 | |
| 16.3 | -2.1254E-02 | | -4.7051E+01 | |
| 16.4 | -8.6464E-03 | | -1.1565E+02 | |
| 16.5 | 3.5578E-03 | | 2.8107E+02 | |
| 16.6 | 1.5613E-02 | | 6.4050E+01 | |
| 16.7 | 2.7766E-02 | | 3.6015E+01 | |
| 16.8 | 4.0279E-02 | | 2.4827E+01 | |
| 16.9 | 5.3451E-02 | | 1.8709E+01 | |
| 17.0 | 6.7649E-02 | 0.00 | 1.4782E+01 | 0.00 |
| 17.1 | 8.3354E-02 | | 1.1997E+01 | |
| 17.2 | 1.0124E-01 | | 9.8778E+00 | |
| 17.3 | 1.2228E-01 | | 8.1777E+00 | |
| 17.4 | 1.4805E-01 | | 6.7546E+00 | |
| 17.5 | 1.8113E-01 | | 5.5208E+00 | |
| 17.6 | 2.2633E-01 | | 4.4182E+00 | |
| 17.7 | 2.9359E-01 | | 3.4061E+00 | |
| 17.8 | 4.0746E-01 | | 2.4542E+00 | |
| 17.9 | 6.4989E-01 | | 1.5387E+00 | |
| 18.0 | 1.5640E+00 | 0.00 | 6.3939E-01 | 0.00 |
| 18.1 | -3.8145E+00 | | -2.6216E-01 | |
| 18.2 | -8.4453E-01 | | -1.1841E+00 | |
| 18.3 | -4.6602E-01 | | -2.1458E+00 | |
| 18.4 | -3.1548E-01 | | -3.1698E+00 | |
| 18.5 | -2.3345E-01 | | -4.2835E+00 | |
| 18.6 | -1.8106E-01 | | -5.5230E+00 | |
| 18.7 | -1.4414E-01 | | -6.9378E+00 | |
| 18.8 | -1.1628E-01 | | -8.5999E+00 | |
| 18.9 | -9.4162E-02 | | -1.0620E+01 | |
| 19.0 | -7.5882E-02 | 0.00 | -1.3178E+01 | 0.00 |
| 19.1 | -6.0262E-02 | | -1.6594E+01 | |
| 19.2 | -4.6531E-02 | | -2.1491E+01 | |
| 19.3 | -3.4152E-02 | | -2.9281E+01 | |
| 19.4 | -2.2733E-02 | | -4.3988E+01 | |
| 19.5 | -1.1972E-02 | | -8.3528E+01 | |
| 19.6 | -1.6190E-03 | | -6.1768E+02 | |
| 19.7 | 8.5442E-03 | | 1.1704E+02 | |
| 19.8 | 1.8725E-02 | | 5.3405E+01 | |
| 19.9 | 2.9136E-02 | | 3.4322E+01 | |
| 20.0 | 4.0014E-02 | 0.00 | 2.4991E+01 | 0.00 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|-----|------------|--------|------------|--------|
| 0.0 | INFINITY | 0.00 | INFINITY | 0.00 |
| 0.1 | 2.4271E+00 | | 9.8538E+00 | |
| 0.2 | 1.7527E+00 | | 4.7760E+00 | |
| 0.3 | 1.3725E+00 | | 3.0560E+00 | |
| 0.4 | 1.1145E+00 | | 2.1844E+00 | |
| 0.5 | 9.2442E-01 | | 1.6564E+00 | |
| 0.6 | 7.7752E-01 | | 1.3028E+00 | |
| 0.7 | 6.6052E-01 | | 1.0503E+00 | |
| 0.8 | 5.6535E-01 | | 8.6178E-01 | |
| 0.9 | 4.8673E-01 | | 7.1653E-01 | |
| 1.0 | 4.2102E-01 | 0.00 | 6.0191E-01 | 0.00 |
| 1.1 | 3.6560E-01 | | 5.0976E-01 | |
| 1.2 | 3.1851E-01 | | 4.3459E-01 | |
| 1.3 | 2.7825E-01 | | 3.7255E-01 | |
| 1.4 | 2.4366E-01 | | 3.2084E-01 | |
| 1.5 | 2.1381E-01 | | 2.7739E-01 | |
| 1.6 | 1.8795E-01 | | 2.4063E-01 | |
| 1.7 | 1.6550E-01 | | 2.0936E-01 | |
| 1.8 | 1.4593E-01 | | 1.8262E-01 | |
| 1.9 | 1.2885E-01 | | 1.5966E-01 | |
| 2.0 | 1.1389E-01 | 0.00 | 1.3987E-01 | 0.00 |
| 2.1 | 1.0078E-01 | | 1.2275E-01 | |
| 2.2 | 8.9269E-02 | | 1.0790E-01 | |
| 2.3 | 7.9140E-02 | | 9.4982E-02 | |
| 2.4 | 7.0217E-02 | | 8.3725E-02 | |
| 2.5 | 6.2348E-02 | | 7.3891E-02 | |
| 2.6 | 5.5398E-02 | | 6.5284E-02 | |
| 2.7 | 4.9255E-02 | | 5.7738E-02 | |
| 2.8 | 4.3820E-02 | | 5.1110E-02 | |
| 2.9 | 3.9006E-02 | | 4.5286E-02 | |
| 3.0 | 3.4740E-02 | 0.00 | 4.0156E-02 | 0.00 |
| 3.1 | 3.0955E-02 | | 3.5634E-02 | |
| 3.2 | 2.7595E-02 | | 3.1643E-02 | |
| 3.3 | 2.4611E-02 | | 2.8117E-02 | |
| 3.4 | 2.1958E-02 | | 2.4999E-02 | |
| 3.5 | 1.9599E-02 | | 2.2239E-02 | |
| 3.6 | 1.7500E-02 | | 1.9795E-02 | |
| 3.7 | 1.5631E-02 | | 1.7628E-02 | |
| 3.8 | 1.3966E-02 | | 1.5706E-02 | |
| 3.9 | 1.2482E-02 | | 1.3999E-02 | |
| 4.0 | 1.1160E-02 | 0.00 | 1.2483E-02 | 0.00 |
| 4.1 | 9.9800E-03 | | 1.1136E-02 | |
| 4.2 | 8.9275E-03 | | 9.9382E-03 | |
| 4.3 | 7.9880E-03 | | 8.8722E-03 | |
| 4.4 | 7.1491E-03 | | 7.9233E-03 | |
| 4.5 | 6.3999E-03 | | 7.0781E-03 | |
| 4.6 | 5.7304E-03 | | 6.3250E-03 | |
| 4.7 | 5.1321E-03 | | 5.6538E-03 | |
| 4.8 | 4.5972E-03 | | 5.0552E-03 | |
| 4.9 | 4.1189E-03 | | 4.5212E-03 | |
| 5.0 | 3.6911E-03 | 0.00 | 4.0446E-03 | 0.00 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|------------|--------|------------|--------|
| 5.0 | 3.6911E-03 | 0.00 | 4.0446E-03 | 0.00 |
| 5.1 | 3.3083E-03 | | 3.6192E-03 | |
| 5.2 | 2.9657E-03 | | 3.2393E-03 | |
| 5.3 | 2.6591E-03 | | 2.8999E-03 | |
| 5.4 | 2.3846E-03 | | 2.5966E-03 | |
| 5.5 | 2.1387E-03 | | 2.3256E-03 | |
| 5.6 | 1.9185E-03 | | 2.0832E-03 | |
| 5.7 | 1.7212E-03 | | 1.8665E-03 | |
| 5.8 | 1.5444E-03 | | 1.6726E-03 | |
| 5.9 | 1.3860E-03 | | 1.4992E-03 | |
| 6.0 | 1.2440E-03 | 0.00 | 1.3439E-03 | 0.00 |
| 6.1 | 1.1167E-03 | | 1.2050E-03 | |
| 6.2 | 1.0025E-03 | | 1.0805E-03 | |
| 6.3 | 9.0014E-04 | | 9.6911E-04 | |
| 6.4 | 8.0831E-04 | | 8.6931E-04 | |
| 6.5 | 7.2593E-04 | | 7.7989E-04 | |
| 6.6 | 6.5202E-04 | | 6.9978E-04 | |
| 6.7 | 5.8570E-04 | | 6.2798E-04 | |
| 6.8 | 5.2618E-04 | | 5.6362E-04 | |
| 6.9 | 4.7275E-04 | | 5.0592E-04 | |
| 7.0 | 4.2480E-04 | 0.00 | 4.5418E-04 | 0.00 |
| 7.1 | 3.8174E-04 | | 4.0779E-04 | |
| 7.2 | 3.4308E-04 | | 3.6617E-04 | |
| 7.3 | 3.0836E-04 | | 3.2884E-04 | |
| 7.4 | 2.7718E-04 | | 2.9535E-04 | |
| 7.5 | 2.4918E-04 | | 2.6530E-04 | |
| 7.6 | 2.2402E-04 | | 2.3833E-04 | |
| 7.7 | 2.0142E-04 | | 2.1412E-04 | |
| 7.8 | 1.8111E-04 | | 1.9239E-04 | |
| 7.9 | 1.6287E-04 | | 1.7288E-04 | |
| 8.0 | 1.4647E-04 | 0.00 | 1.5537E-04 | 0.00 |
| 8.1 | 1.3173E-04 | | 1.3964E-04 | |
| 8.2 | 1.1849E-04 | | 1.2552E-04 | |
| 8.3 | 1.0658E-04 | | 1.1283E-04 | |
| 8.4 | 9.5880E-05 | | 1.0143E-04 | |
| 8.5 | 8.6258E-05 | | 9.1197E-05 | |
| 8.6 | 7.7606E-05 | | 8.2000E-05 | |
| 8.7 | 6.9827E-05 | | 7.3736E-05 | |
| 8.8 | 6.2831E-05 | | 6.6309E-05 | |
| 8.9 | 5.6540E-05 | | 5.9635E-05 | |
| 9.0 | 5.0881E-05 | 0.00 | 5.3637E-05 | 0.00 |
| 9.1 | 4.5792E-05 | | 4.8245E-05 | |
| 9.2 | 4.1214E-05 | | 4.3399E-05 | |
| 9.3 | 3.7096E-05 | | 3.9042E-05 | |
| 9.4 | 3.3391E-05 | | 3.5124E-05 | |
| 9.5 | 3.0058E-05 | | 3.1602E-05 | |
| 9.6 | 2.7059E-05 | | 2.8435E-05 | |
| 9.7 | 2.4360E-05 | | 2.5587E-05 | |
| 9.8 | 2.1932E-05 | | 2.3025E-05 | |
| 9.9 | 1.9747E-05 | | 2.0721E-05 | |
| 10.0 | 1.7780E-05 | 0.00 | 1.8649E-05 | 0.00 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|------------|--------|------------|--------|
| 10.0 | 1.7780E-05 | 0.00 | 1.8649E-05 | 0.00 |
| 10.1 | 1.6010E-05 | | 1.6785E-05 | |
| 10.2 | 1.4417E-05 | | 1.5108E-05 | |
| 10.3 | 1.2983E-05 | | 1.3599E-05 | |
| 10.4 | 1.1692E-05 | | 1.2242E-05 | |
| 10.5 | 1.0530E-05 | | 1.1020E-05 | |
| 10.6 | 9.4839E-06 | | 9.9215E-06 | |
| 10.7 | 8.5420E-06 | | 8.9326E-06 | |
| 10.8 | 7.6940E-06 | | 8.0427E-06 | |
| 10.9 | 6.9305E-06 | | 7.2417E-06 | |
| 11.0 | 6.2430E-06 | 0.00 | 6.5209E-06 | 0.00 |
| 11.1 | 5.6239E-06 | | 5.8720E-06 | |
| 11.2 | 5.0665E-06 | | 5.2880E-06 | |
| 11.3 | 4.5644E-06 | | 4.7622E-06 | |
| 11.4 | 4.1123E-06 | | 4.2890E-06 | |
| 11.5 | 3.7050E-06 | | 3.8629E-06 | |
| 11.6 | 3.3383E-06 | | 3.4793E-06 | |
| 11.7 | 3.0079E-06 | | 3.1339E-06 | |
| 11.8 | 2.7103E-06 | | 2.8229E-06 | |
| 11.9 | 2.4423E-06 | | 2.5429E-06 | |
| 12.0 | 2.2008E-06 | 0.00 | 2.2908E-06 | 0.00 |
| 12.1 | 1.9833E-06 | | 2.0637E-06 | |
| 12.2 | 1.7873E-06 | | 1.8592E-06 | |
| 12.3 | 1.6108E-06 | | 1.6750E-06 | |
| 12.4 | 1.4517E-06 | | 1.5092E-06 | |
| 12.5 | 1.3084E-06 | | 1.3598E-06 | |
| 12.6 | 1.1793E-06 | | 1.2252E-06 | |
| 12.7 | 1.0629E-06 | | 1.1040E-06 | |
| 12.8 | 9.5807E-07 | | 9.9482E-07 | |
| 12.9 | 8.6359E-07 | | 8.9646E-07 | |
| 13.0 | 7.7845E-07 | 0.00 | 8.0786E-07 | 0.00 |
| 13.1 | 7.0173E-07 | | 7.2804E-07 | |
| 13.2 | 6.3258E-07 | | 6.5612E-07 | |
| 13.3 | 5.7027E-07 | | 5.9133E-07 | |
| 13.4 | 5.1410E-07 | | 5.3295E-07 | |
| 13.5 | 4.6348E-07 | | 4.8035E-07 | |
| 13.6 | 4.1786E-07 | | 4.3296E-07 | |
| 13.7 | 3.7674E-07 | | 3.9025E-07 | |
| 13.8 | 3.3967E-07 | | 3.5177E-07 | |
| 13.9 | 3.0626E-07 | | 3.1709E-07 | |
| 14.0 | 2.7614E-07 | 0.00 | 2.8583E-07 | 0.00 |
| 14.1 | 2.4899E-07 | | 2.5767E-07 | |
| 14.2 | 2.2451E-07 | | 2.3229E-07 | |
| 14.3 | 2.0245E-07 | | 2.0941E-07 | |
| 14.4 | 1.8255E-07 | | 1.8879E-07 | |
| 14.5 | 1.6462E-07 | | 1.7020E-07 | |
| 14.6 | 1.4845E-07 | | 1.5345E-07 | |
| 14.7 | 1.3387E-07 | | 1.3836E-07 | |
| 14.8 | 1.2073E-07 | | 1.2475E-07 | |
| 14.9 | 1.0888E-07 | | 1.1248E-07 | |
| 15.0 | 9.8195E-08 | 0.00 | 1.0142E-07 | 0.00 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|------------|--------|------------|--------|
| 15.0 | 9.8195E-08 | 0.00 | 1.0142E-07 | 0.00 |
| 15.1 | 8.8561E-08 | | 9.1448E-08 | |
| 15.2 | 7.9873E-08 | | 8.2460E-08 | |
| 15.3 | 7.2039E-08 | | 7.4357E-08 | |
| 15.4 | 6.4975E-08 | | 6.7052E-08 | |
| 15.5 | 5.8605E-08 | | 6.0467E-08 | |
| 15.6 | 5.2860E-08 | | 5.4529E-08 | |
| 15.7 | 4.7680E-08 | | 4.9175E-08 | |
| 15.8 | 4.3008E-08 | | 4.4348E-08 | |
| 15.9 | 3.8794E-08 | | 3.9996E-08 | |
| 16.0 | 3.4994E-08 | 0.00 | 3.6072E-08 | 0.00 |
| 16.1 | 3.1567E-08 | | 3.2533E-08 | |
| 16.2 | 2.8476E-08 | | 2.9342E-08 | |
| 16.3 | 2.5688E-08 | | 2.6465E-08 | |
| 16.4 | 2.3174E-08 | | 2.3870E-08 | |
| 16.5 | 2.0906E-08 | | 2.1530E-08 | |
| 16.6 | 1.8860E-08 | | 1.9420E-08 | |
| 16.7 | 1.7015E-08 | | 1.7517E-08 | |
| 16.8 | 1.5350E-08 | | 1.5801E-08 | |
| 16.9 | 1.3849E-08 | | 1.4253E-08 | |
| 17.0 | 1.2495E-08 | 0.00 | 1.2857E-08 | 0.00 |
| 17.1 | 1.1273E-08 | | 1.1598E-08 | |
| 17.2 | 1.0171E-08 | | 1.0463E-08 | |
| 17.3 | 9.1768E-09 | | 9.4384E-09 | |
| 17.4 | 8.2799E-09 | | 8.5146E-09 | |
| 17.5 | 7.4708E-09 | | 7.6814E-09 | |
| 17.6 | 6.7409E-09 | | 6.9298E-09 | |
| 17.7 | 6.0824E-09 | | 6.2519E-09 | |
| 17.8 | 5.4883E-09 | | 5.6404E-09 | |
| 17.9 | 4.952E-09 | | 5.0888E-09 | |
| 18.0 | 4.4688E-09 | 0.00 | 4.5912E-09 | 0.00 |
| 18.1 | 4.0325E-09 | | 4.1424E-09 | |
| 18.2 | 3.6388E-09 | | 3.7375E-09 | |
| 18.3 | 3.2836E-09 | | 3.3722E-09 | |
| 18.4 | 2.9632E-09 | | 3.0427E-09 | |
| 18.5 | 2.6740E-09 | | 2.7454E-09 | |
| 18.6 | 2.4131E-09 | | 2.4772E-09 | |
| 18.7 | 2.1777E-09 | | 2.2352E-09 | |
| 18.8 | 1.9653E-09 | | 2.0169E-09 | |
| 18.9 | 1.7736E-09 | | 1.8200E-09 | |
| 19.0 | 1.6007E-09 | 0.00 | 1.6423E-09 | 0.00 |
| 19.1 | 1.4446E-09 | | 1.4819E-09 | |
| 19.2 | 1.3038E-09 | | 1.3373E-09 | |
| 19.3 | 1.1767E-09 | | 1.2068E-09 | |
| 19.4 | 1.0620E-09 | | 1.0890E-09 | |
| 19.5 | 9.5848E-10 | | 9.8276E-10 | |
| 19.6 | 8.6508E-10 | | 8.8688E-10 | |
| 19.7 | 7.8079E-10 | | 8.0037E-10 | |
| 19.8 | 7.0473E-10 | | 7.2231E-10 | |
| 19.9 | 6.3608E-10 | | 6.5187E-10 | |
| 20.0 | 5.7412E-10 | 0.00 | 5.8831E-10 | 0.00 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|-----|------------|-------------|------------|-------------|
| 0.0 | INFINITY | -8.7266E-02 | INFINITY | - INFINITY |
| 0.1 | 2.4270E+00 | -8.5995E-02 | 9.8160E+00 | -8.7998E-01 |
| 0.2 | 1.7524E+00 | -8.3368E-02 | 4.7571E+00 | -4.4682E-01 |
| 0.3 | 1.3720E+00 | -8.0024E-02 | 3.0433E+00 | -3.0226E-01 |
| 0.4 | 1.1139E+00 | -7.6272E-02 | 2.1747E+00 | -2.2926E-01 |
| 0.5 | 9.2354E-01 | -7.2304E-02 | 1.6486E+00 | -1.8469E-01 |
| 0.6 | 7.7646E-01 | -6.8247E-02 | 1.2961E+00 | -1.5424E-01 |
| 0.7 | 6.5929E-01 | -6.4190E-02 | 1.0443E+00 | -1.3187E-01 |
| 0.8 | 5.6397E-01 | -6.0195E-02 | 8.5640E-01 | -1.1456E-01 |
| 0.9 | 4.8523E-01 | -5.6306E-02 | 7.1160E-01 | -1.0065E-01 |
| 1.0 | 4.1942E-01 | -5.2553E-02 | 5.9733E-01 | -8.9174E-02 |
| 1.1 | 3.6392E-01 | -4.8956E-02 | 5.0547E-01 | -7.9494E-02 |
| 1.2 | 3.1676E-01 | -4.5529E-02 | 4.3056E-01 | -7.1197E-02 |
| 1.3 | 2.7646E-01 | -4.2278E-02 | 3.6873E-01 | -6.3998E-02 |
| 1.4 | 2.4184E-01 | -3.9206E-02 | 3.1722E-01 | -5.7689E-02 |
| 1.5 | 2.1197E-01 | -3.6313E-02 | 2.7396E-01 | -5.2117E-02 |
| 1.6 | 1.8612E-01 | -3.3596E-02 | 2.3737E-01 | -4.7166E-02 |
| 1.7 | 1.6367E-01 | -3.1052E-02 | 2.0626E-01 | -4.2745E-02 |
| 1.8 | 1.4413E-01 | -2.8673E-02 | 1.7967E-01 | -3.8782E-02 |
| 1.9 | 1.2707E-01 | -2.6454E-02 | 1.5686E-01 | -3.5218E-02 |
| 2.0 | 1.1216E-01 | -2.4388E-02 | 1.3720E-01 | -3.2004E-02 |
| 2.1 | 9.9089E-02 | -2.2467E-02 | 1.2022E-01 | -2.9101E-02 |
| 2.2 | 8.7622E-02 | -2.0683E-02 | 1.0550E-01 | -2.6473E-02 |
| 2.3 | 7.7544E-02 | -1.9029E-02 | 9.2707E-02 | -2.4091E-02 |
| 2.4 | 6.8676E-02 | -1.7497E-02 | 8.1570E-02 | -2.1931E-02 |
| 2.5 | 6.0862E-02 | -1.6079E-02 | 7.1851E-02 | -1.9968E-02 |
| 2.6 | 5.3971E-02 | -1.4768E-02 | 6.3355E-02 | -1.8184E-02 |
| 2.7 | 4.7887E-02 | -1.3558E-02 | 5.5916E-02 | -1.6562E-02 |
| 2.8 | 4.2511E-02 | -1.2441E-02 | 4.9393E-02 | -1.5086E-02 |
| 2.9 | 3.7756E-02 | -1.1411E-02 | 4.3664E-02 | -1.3743E-02 |
| 3.0 | 3.3548E-02 | -1.0462E-02 | 3.8628E-02 | -1.2519E-02 |
| 3.1 | 2.9822E-02 | -9.5882E-03 | 3.4195E-02 | -1.1405E-02 |
| 3.2 | 2.6519E-02 | -8.7840E-03 | 3.0290E-02 | -1.0390E-02 |
| 3.3 | 2.3590E-02 | -8.0444E-03 | 2.6845E-02 | -9.4648E-03 |
| 3.4 | 2.0992E-02 | -7.3646E-03 | 2.3805E-02 | -8.6220E-03 |
| 3.5 | 1.8685E-02 | -6.7401E-03 | 2.1119E-02 | -7.8539E-03 |
| 3.6 | 1.6636E-02 | -6.1666E-03 | 1.8744E-02 | -7.1539E-03 |
| 3.7 | 1.4816E-02 | -5.6403E-03 | 1.6644E-02 | -6.5159E-03 |
| 3.8 | 1.3199E-02 | -5.1573E-03 | 1.4784E-02 | -5.9344E-03 |
| 3.9 | 1.1760E-02 | -4.7145E-03 | 1.3137E-02 | -5.4045E-03 |
| 4.0 | 1.0481E-02 | -4.3085E-03 | 1.1677E-02 | -4.9215E-03 |
| 4.1 | 9.3422E-03 | -3.9366E-03 | 1.0383E-02 | -4.4813E-03 |
| 4.2 | 8.3289E-03 | -3.5958E-03 | 9.2348E-03 | -4.0802E-03 |
| 4.3 | 7.4268E-03 | -3.2838E-03 | 8.2158E-03 | -3.7147E-03 |
| 4.4 | 6.6234E-03 | -2.9982E-03 | 7.3111E-03 | -3.3816E-03 |
| 4.5 | 5.9078E-03 | -2.7368E-03 | 6.5075E-03 | -3.0782E-03 |
| 4.6 | 5.2701E-03 | -2.4977E-03 | 5.7935E-03 | -2.8017E-03 |
| 4.7 | 4.7019E-03 | -2.2790E-03 | 5.1588E-03 | -2.5498E-03 |
| 4.8 | 4.1955E-03 | -2.0790E-03 | 4.5946E-03 | -2.3204E-03 |
| 4.9 | 3.7439E-03 | -1.8962E-03 | 4.0928E-03 | -2.1114E-03 |
| 5.0 | 3.3413E-03 | -1.7292E-03 | 3.6463E-03 | -1.9211E-03 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|------------|-------------|------------|-------------|
| 5.0 | 3.3413E-03 | -1.7292E-03 | 3.6463E-03 | -1.9211E-03 |
| 5.1 | 2.9823E-03 | -1.5766E-03 | 3.2491E-03 | -1.7478E-03 |
| 5.2 | 2.6620E-03 | -1.4372E-03 | 2.8955E-03 | -1.5900E-03 |
| 5.3 | 2.3763E-03 | -1.3100E-03 | 2.5808E-03 | -1.4462E-03 |
| 5.4 | 2.1214E-03 | -1.1937E-03 | 2.3005E-03 | -1.3154E-03 |
| 5.5 | 1.8940E-03 | -1.0877E-03 | 2.0509E-03 | -1.1963E-03 |
| 5.6 | 1.6910E-03 | -9.9087E-04 | 1.8286E-03 | -1.0879E-03 |
| 5.7 | 1.5099E-03 | -9.0255E-04 | 1.6305E-03 | -9.8920E-04 |
| 5.8 | 1.3482E-03 | -8.2198E-04 | 1.4539E-03 | -8.9939E-04 |
| 5.9 | 1.2038E-03 | -7.4849E-04 | 1.2966E-03 | -8.1767E-04 |
| 6.0 | 1.0750E-03 | -6.8147E-04 | 1.1564E-03 | -7.4330E-04 |
| 6.1 | 9.5996E-04 | -6.2037E-04 | 1.0314E-03 | -6.7564E-04 |
| 6.2 | 8.5725E-04 | -5.6467E-04 | 9.2002E-04 | -6.1409E-04 |
| 6.3 | 7.6553E-04 | -5.1391E-04 | 8.2066E-04 | -5.5810E-04 |
| 6.4 | 6.8364E-04 | -4.6765E-04 | 7.3207E-04 | -5.0717E-04 |
| 6.5 | 6.1051E-04 | -4.2550E-04 | 6.5306E-04 | -4.6085E-04 |
| 6.6 | 5.4520E-04 | -3.8710E-04 | 5.8259E-04 | -4.1872E-04 |
| 6.7 | 4.8687E-04 | -3.5212E-04 | 5.1974E-04 | -3.8042E-04 |
| 6.8 | 4.3478E-04 | -3.2027E-04 | 4.6368E-04 | -3.4559E-04 |
| 6.9 | 3.8825E-04 | -2.9126E-04 | 4.1366E-04 | -3.1393E-04 |
| 7.0 | 3.4670E-04 | -2.6485E-04 | 3.6905E-04 | -2.8514E-04 |
| 7.1 | 3.0959E-04 | -2.4081E-04 | 3.2924E-04 | -2.5897E-04 |
| 7.2 | 2.7644E-04 | -2.1893E-04 | 2.9373E-04 | -2.3519E-04 |
| 7.3 | 2.4683E-04 | -1.9901E-04 | 2.6205E-04 | -2.1357E-04 |
| 7.4 | 2.2039E-04 | -1.8089E-04 | 2.3377E-04 | -1.9392E-04 |
| 7.5 | 1.9677E-04 | -1.6440E-04 | 2.0855E-04 | -1.7607E-04 |
| 7.6 | 1.7567E-04 | -1.4939E-04 | 1.8604E-04 | -1.5985E-04 |
| 7.8 | 1.5000E-04 | -1.2535E-04 | 1.6886E-04 | -1.3512E-04 |
| 7.9 | 1.2497E-04 | -1.1205E-04 | 1.3204E-04 | -1.1957E-04 |
| 8.0 | 1.1155E-04 | -1.0178E-04 | 1.1778E-04 | -1.0852E-04 |
| 8.1 | 9.9559E-05 | -9.2450E-05 | 1.0504E-04 | -9.8487E-05 |
| 8.2 | 8.8854E-05 | -8.3965E-05 | 9.3682E-05 | -8.9375E-05 |
| 8.3 | 7.9293E-05 | -7.6252E-05 | 8.3545E-05 | -8.1100E-05 |
| 8.4 | 7.0756E-05 | -6.9241E-05 | 7.4500E-05 | -7.3586E-05 |
| 8.5 | 6.3133E-05 | -6.2869E-05 | 6.6430E-05 | -6.6764E-05 |
| 8.6 | 5.6326E-05 | -5.7079E-05 | 5.9229E-05 | -6.0570E-05 |
| 8.7 | 5.0249E-05 | -5.1817E-05 | 5.2805E-05 | -5.4947E-05 |
| 8.8 | 4.4823E-05 | -4.7036E-05 | 4.7074E-05 | -4.9842E-05 |
| 8.9 | 3.9979E-05 | -4.2693E-05 | 4.1962E-05 | -4.5209E-05 |
| 9.0 | 3.5655E-05 | -3.8748E-05 | 3.7401E-05 | -4.1003E-05 |
| 9.1 | 3.1795E-05 | -3.5164E-05 | 3.3332E-05 | -3.7187E-05 |
| 9.2 | 2.8350E-05 | -3.1909E-05 | 2.9704E-05 | -3.3723E-05 |
| 9.3 | 2.5276E-05 | -2.8954E-05 | 2.6467E-05 | -3.0580E-05 |
| 9.4 | 2.2531E-05 | -2.6269E-05 | 2.3581E-05 | -2.7728E-05 |
| 9.5 | 2.0083E-05 | -2.3832E-05 | 2.1007E-05 | -2.5140E-05 |
| 9.6 | 1.7898E-05 | -2.1620E-05 | 1.8711E-05 | -2.2793E-05 |
| 9.7 | 1.5949E-05 | -1.9611E-05 | 1.6664E-05 | -2.0663E-05 |
| 9.8 | 1.4210E-05 | -1.7787E-05 | 1.4840E-05 | -1.8731E-05 |
| 9.9 | 1.2658E-05 | -1.6132E-05 | 1.3213E-05 | -1.6979E-05 |
| 10.0 | 1.1275E-05 | -1.4630E-05 | 1.1763E-05 | -1.5389E-05 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|------------|-------------|------------|-------------|
| 10.0 | 1.1275E-05 | -1.4630E-05 | 1.1763E-05 | -1.5389E-05 |
| 10.1 | 1.0041E-05 | -1.3267E-05 | 1.0470E-05 | -1.3948E-05 |
| 10.2 | 8.9406E-06 | -1.2029E-05 | 9.3183E-06 | -1.2640E-05 |
| 10.3 | 7.9595E-06 | -1.0907E-05 | 8.2918E-06 | -1.1455E-05 |
| 10.4 | 7.0848E-06 | -9.8884E-06 | 7.3771E-06 | -1.0380E-05 |
| 10.5 | 6.3052E-06 | -8.9643E-06 | 6.5622E-06 | -9.4055E-06 |
| 10.6 | 5.6102E-06 | -8.1260E-06 | 5.8362E-06 | -8.5218E-06 |
| 10.7 | 4.9909E-06 | -7.3657E-06 | 5.1896E-06 | -7.7208E-06 |
| 10.8 | 4.4391E-06 | -6.6760E-06 | 4.6137E-06 | -6.9946E-06 |
| 10.9 | 3.9475E-06 | -6.0504E-06 | 4.1009E-06 | -6.3363E-06 |
| 11.0 | 3.5096E-06 | -5.4831E-06 | 3.6444E-06 | -5.7396E-06 |
| 11.1 | 3.1195E-06 | -4.9687E-06 | 3.2379E-06 | -5.1988E-06 |
| 11.2 | 2.7722E-06 | -4.5022E-06 | 2.8762E-06 | -4.7087E-06 |
| 11.3 | 2.4630E-06 | -4.0792E-06 | 2.5542E-06 | -4.2646E-06 |
| 11.4 | 2.1877E-06 | -3.6958E-06 | 2.2678E-06 | -3.8621E-06 |
| 11.5 | 1.9427E-06 | -3.3481E-06 | 2.0129E-06 | -3.4974E-06 |
| 11.6 | 1.7246E-06 | -3.0330E-06 | 1.7863E-06 | -3.1669E-06 |
| 11.7 | 1.5306E-06 | -2.7474E-06 | 1.5847E-06 | -2.8675E-06 |
| 11.8 | 1.3581E-06 | -2.4884E-06 | 1.4055E-06 | -2.5963E-06 |
| 11.9 | 1.2046E-06 | -2.2538E-06 | 1.2461E-06 | -2.3505E-06 |
| 12.0 | 1.0682E-06 | -2.0411E-06 | 1.1045E-06 | -2.1280E-06 |
| 12.1 | 9.4688E-07 | -1.8484E-06 | 9.7871E-07 | -1.9263E-06 |
| 12.2 | 8.3908E-07 | -1.6738E-06 | 8.6693E-07 | -1.7437E-06 |
| 12.3 | 7.4329E-07 | -1.5156E-06 | 7.6766E-07 | -1.5783E-06 |
| 12.4 | 6.5820E-07 | -1.3722E-06 | 6.7951E-07 | -1.4285E-06 |
| 12.5 | 5.8264E-07 | -1.2424E-06 | 6.0125E-07 | -1.2929E-06 |
| 12.6 | 5.1555E-07 | -1.1247E-06 | 5.3180E-07 | -1.1701E-06 |
| 12.7 | 4.5599E-07 | -1.0181E-06 | 4.7018E-07 | -1.0589E-06 |
| 12.8 | 4.0315E-07 | -9.2161E-07 | 4.1553E-07 | -9.5815E-07 |
| 12.9 | 3.5627E-07 | -8.3418E-07 | 3.6706E-07 | -8.6697E-07 |
| 13.0 | 3.1470E-07 | -7.5500E-07 | 3.2410E-07 | -7.8443E-07 |
| 13.1 | 2.7784E-07 | -6.8329E-07 | 2.8602E-07 | -7.0971E-07 |
| 13.2 | 2.4517E-07 | -6.1836E-07 | 2.5229E-07 | -6.4207E-07 |
| 13.3 | 2.1623E-07 | -5.5956E-07 | 2.2242E-07 | -5.8084E-07 |
| 13.4 | 1.9060E-07 | -5.0633E-07 | 1.9597E-07 | -5.2542E-07 |
| 13.5 | 1.6791E-07 | -4.5813E-07 | 1.7257E-07 | -4.7527E-07 |
| 13.6 | 1.4783E-07 | -4.1449E-07 | 1.5187E-07 | -4.2987E-07 |
| 13.7 | 1.3007E-07 | -3.7499E-07 | 1.3356E-07 | -3.8880E-07 |
| 13.8 | 1.1436E-07 | -3.3924E-07 | 1.1738E-07 | -3.5162E-07 |
| 13.9 | 1.0048E-07 | -3.0687E-07 | 1.0309E-07 | -3.1799E-07 |
| 14.0 | 8.8215E-08 | -2.7758E-07 | 9.0465E-08 | -2.8755E-07 |
| 14.1 | 7.7385E-08 | -2.5106E-07 | 7.9323E-08 | -2.6002E-07 |
| 14.2 | 6.7827E-08 | -2.2707E-07 | 6.9493E-08 | -2.3511E-07 |
| 14.3 | 5.9396E-08 | -2.0536E-07 | 6.0825E-08 | -2.1257E-07 |
| 14.4 | 5.1963E-08 | -1.8571E-07 | 5.3187E-08 | -1.9218E-07 |
| 14.5 | 4.5413E-08 | -1.6793E-07 | 4.6459E-08 | -1.7374E-07 |
| 14.6 | 3.9646E-08 | -1.5185E-07 | 4.0538E-08 | -1.5706E-07 |
| 14.7 | 3.4570E-08 | -1.3729E-07 | 3.5329E-08 | -1.4197E-07 |
| 14.8 | 3.0107E-08 | -1.2413E-07 | 3.0750E-08 | -1.2833E-07 |
| 14.9 | 2.6185E-08 | -1.1222E-07 | 2.6728E-08 | -1.1599E-07 |
| 15.0 | 2.2740E-08 | -1.0145E-07 | 2.3198E-08 | -1.0483E-07 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | 2.2740E-08 | -1.0145E-07 | 2.3198E-08 | -1.0483E-07 |
| 15.1 | 1.9718E-08 | -9.1705E-08 | 2.0102E-08 | -9.4739E-08 |
| 15.2 | 1.7068E-08 | -8.2893E-08 | 1.7388E-08 | -8.5615E-08 |
| 15.3 | 1.4747E-08 | -7.4922E-08 | 1.5013E-08 | -7.7365E-08 |
| 15.4 | 1.2716E-08 | -6.7715E-08 | 1.2935E-08 | -6.9907E-08 |
| 15.5 | 1.0941E-08 | -6.1197E-08 | 1.1120E-08 | -6.3164E-08 |
| 15.6 | 9.3902E-09 | -5.5303E-08 | 9.5356E-09 | -5.7068E-08 |
| 15.7 | 8.0377E-09 | -4.9974E-08 | 8.1542E-09 | -5.1558E-08 |
| 15.8 | 6.8594E-09 | -4.5156E-08 | 6.9515E-09 | -4.6577E-08 |
| 15.9 | 5.8342E-09 | -4.0800E-08 | 5.9057E-09 | -4.2075E-08 |
| 16.0 | 4.9435E-09 | -3.6862E-08 | 4.9976E-09 | -3.8006E-08 |
| 16.1 | 4.1708E-09 | -3.3302E-08 | 4.2104E-09 | -3.4328E-08 |
| 16.2 | 3.5017E-09 | -3.0084E-08 | 3.5292E-09 | -3.1005E-08 |
| 16.3 | 2.9232E-09 | -2.7176E-08 | 2.9407E-09 | -2.8002E-08 |
| 16.4 | 2.4242E-09 | -2.4547E-08 | 2.4333E-09 | -2.5288E-08 |
| 16.5 | 1.9945E-09 | -2.2171E-08 | 1.9969E-09 | -2.2836E-08 |
| 16.6 | 1.6255E-09 | -2.0024E-08 | 1.6225E-09 | -2.0621E-08 |
| 16.7 | 1.3094E-09 | -1.8084E-08 | 1.3020E-09 | -1.8619E-08 |
| 16.8 | 1.0394E-09 | -1.6331E-08 | 1.0286E-09 | -1.6811E-08 |
| 16.9 | 8.0955E-10 | -1.4747E-08 | 7.9609E-10 | -1.5178E-08 |
| 17.0 | 6.1459E-10 | -1.3316E-08 | 5.9913E-10 | -1.3702E-08 |
| 17.1 | 4.4990E-10 | -1.2023E-08 | 4.3301E-10 | -1.2369E-08 |
| 17.2 | 3.1144E-10 | -1.0855E-08 | 2.9357E-10 | -1.1166E-08 |
| 17.3 | 1.9568E-10 | -9.7995E-09 | 1.7720E-10 | -1.0078E-08 |
| 17.4 | 9.9493E-11 | -8.8464E-09 | 8.0733E-11 | -9.0964E-09 |
| 17.5 | 2.0183E-11 | -7.9854E-09 | 1.3878E-12 | -8.2097E-09 |
| 17.6 | -4.4627E-11 | -7.2079E-09 | -6.3253E-11 | -7.4090E-09 |
| 17.7 | -9.7006E-11 | -6.5056E-09 | -1.1530E-10 | -6.6860E-09 |
| 17.8 | -1.3876E-10 | -5.8715E-09 | -1.5659E-10 | -6.0333E-09 |
| 17.9 | -1.7146E-10 | -5.2988E-09 | -1.8874E-10 | -5.4439E-09 |
| 18.0 | -1.9647E-10 | -4.7816E-09 | -2.1312E-10 | -4.9118E-09 |
| 18.1 | -2.1498E-10 | -4.3147E-09 | -2.3095E-10 | -4.4314E-09 |
| 18.2 | -2.2802E-10 | -3.8932E-09 | -2.4327E-10 | -3.9978E-09 |
| 18.3 | -2.3648E-10 | -3.5126E-09 | -2.5099E-10 | -3.6064E-09 |
| 18.4 | -2.4112E-10 | -3.1690E-09 | -2.5488E-10 | -3.2531E-09 |
| 18.5 | -2.4261E-10 | -2.8589E-09 | -2.5562E-10 | -2.9343E-09 |
| 18.6 | -2.4151E-10 | -2.5789E-09 | -2.5379E-10 | -2.6465E-09 |
| 18.7 | -2.3832E-10 | -2.3262E-09 | -2.4988E-10 | -2.3869E-09 |
| 18.8 | -2.3346E-10 | -2.0982E-09 | -2.4431E-10 | -2.1525E-09 |
| 18.9 | -2.2728E-10 | -1.8923E-09 | -2.3745E-10 | -1.9411E-09 |
| 19.0 | -2.2008E-10 | -1.7066E-09 | -2.2960E-10 | -1.7503E-09 |
| 19.1 | -2.1212E-10 | -1.5390E-09 | -2.2101E-10 | -1.5782E-09 |
| 19.2 | -2.0362E-10 | -1.3878E-09 | -2.1191E-10 | -1.4229E-09 |
| 19.3 | -1.9476E-10 | -1.2513E-09 | -2.0248E-10 | -1.2828E-09 |
| 19.4 | -1.8568E-10 | -1.1282E-09 | -1.9287E-10 | -1.1564E-09 |
| 19.5 | -1.7653E-10 | -1.0171E-09 | -1.8320E-10 | -1.0424E-09 |
| 19.6 | -1.6739E-10 | -9.1694E-10 | -1.7358E-10 | -9.3960E-10 |
| 19.7 | -1.5835E-10 | -8.2656E-10 | -1.6409E-10 | -8.4687E-10 |
| 19.8 | -1.4947E-10 | -7.4505E-10 | -1.5479E-10 | -7.6324E-10 |
| 19.9 | -1.4083E-10 | -6.7152E-10 | -1.4574E-10 | -6.8783E-10 |
| 20.0 | -1.3244E-10 | -6.0522E-10 | -1.3699E-10 | -6.1983E-10 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|-----|------------|-------------|------------|-------------|
| 0.0 | INFINITY | -1.7453E-01 | INFINITY | - INFINITY |
| 0.1 | 2.4267E+00 | -1.7202E-01 | 9.7026E+00 | -1.7533E+00 |
| 0.2 | 1.7516E+00 | -1.6680E-01 | 4.7005E+00 | -8.9037E-01 |
| 0.3 | 1.3706E+00 | -1.6016E-01 | 3.0054E+00 | -6.0238E-01 |
| 0.4 | 1.1118E+00 | -1.5269E-01 | 2.1459E+00 | -4.5697E-01 |
| 0.5 | 9.2091E-01 | -1.4478E-01 | 1.6250E+00 | -3.6816E-01 |
| 0.6 | 7.7326E-01 | -1.3668E-01 | 1.2759E+00 | -3.0751E-01 |
| 0.7 | 6.5559E-01 | -1.2857E-01 | 1.0265E+00 | -2.6292E-01 |
| 0.8 | 5.5983E-01 | -1.2058E-01 | 8.4030E-01 | -2.2842E-01 |
| 0.9 | 4.8072E-01 | -1.1279E-01 | 6.9682E-01 | -2.0069E-01 |
| 1.0 | 4.1460E-01 | -1.0527E-01 | 5.8360E-01 | -1.7779E-01 |
| 1.1 | 3.5885E-01 | -9.8051E-02 | 4.9262E-01 | -1.5847E-01 |
| 1.2 | 3.1150E-01 | -9.1170E-02 | 4.1846E-01 | -1.4190E-01 |
| 1.3 | 2.7106E-01 | -8.4638E-02 | 3.5729E-01 | -1.2752E-01 |
| 1.4 | 2.3636E-01 | -7.8463E-02 | 3.0638E-01 | -1.1491E-01 |
| 1.5 | 2.0645E-01 | -7.2644E-02 | 2.6366E-01 | -1.0377E-01 |
| 1.6 | 1.8060E-01 | -6.7178E-02 | 2.2758E-01 | -9.3871E-02 |
| 1.7 | 1.5818E-01 | -6.2056E-02 | 1.9695E-01 | -8.5026E-02 |
| 1.8 | 1.3870E-01 | -5.7267E-02 | 1.7082E-01 | -7.7096E-02 |
| 1.9 | 1.2173E-01 | -5.2799E-02 | 1.4844E-01 | -6.9962E-02 |
| 2.0 | 1.0692E-01 | -4.8638E-02 | 1.2921E-01 | -6.3530E-02 |
| 2.1 | 9.3983E-02 | -4.4769E-02 | 1.1263E-01 | -5.7718E-02 |
| 2.2 | 8.2658E-02 | -4.1176E-02 | 9.8295E-02 | -5.2459E-02 |
| 2.3 | 7.2735E-02 | -3.7845E-02 | 8.5879E-02 | -4.7692E-02 |
| 2.4 | 6.4031E-02 | -3.4760E-02 | 7.5102E-02 | -4.3368E-02 |
| 2.5 | 5.6388E-02 | -3.1906E-02 | 6.5731E-02 | -3.9441E-02 |
| 2.6 | 4.9673E-02 | -2.9270E-02 | 5.7569E-02 | -3.5874E-02 |
| 2.7 | 4.3767E-02 | -2.6835E-02 | 5.0451E-02 | -3.2631E-02 |
| 2.8 | 3.8571E-02 | -2.4590E-02 | 4.4236E-02 | -2.9682E-02 |
| 2.9 | 3.3996E-02 | -2.2521E-02 | 3.8804E-02 | -2.6999E-02 |
| 3.0 | 2.9967E-02 | -2.0616E-02 | 3.4050E-02 | -2.4557E-02 |
| 3.1 | 2.6416E-02 | -1.8863E-02 | 2.9888E-02 | -2.2335E-02 |
| 3.2 | 2.3286E-02 | -1.7252E-02 | 2.6241E-02 | -2.0312E-02 |
| 3.3 | 2.0527E-02 | -1.5771E-02 | 2.3042E-02 | -1.8470E-02 |
| 3.4 | 1.8093E-02 | -1.4411E-02 | 2.0236E-02 | -1.6794E-02 |
| 3.5 | 1.5946E-02 | -1.3163E-02 | 1.7772E-02 | -1.5268E-02 |
| 3.6 | 1.4051E-02 | -1.2018E-02 | 1.5609E-02 | -1.3878E-02 |
| 3.7 | 1.2380E-02 | -1.0969E-02 | 1.3709E-02 | -1.2614E-02 |
| 3.8 | 1.0905E-02 | -1.0007E-02 | 1.2039E-02 | -1.1463E-02 |
| 3.9 | 9.6034E-03 | -9.1269E-03 | 1.0571E-02 | -1.0415E-02 |
| 4.0 | 8.4548E-03 | -8.3210E-03 | 9.2804E-03 | -9.4615E-03 |
| 4.1 | 7.4413E-03 | -7.5837E-03 | 8.1458E-03 | -8.5939E-03 |
| 4.2 | 6.5470E-03 | -6.9095E-03 | 7.1482E-03 | -7.8045E-03 |
| 4.3 | 5.7580E-03 | -6.2931E-03 | 6.2708E-03 | -7.0865E-03 |
| 4.4 | 5.0619E-03 | -5.7300E-03 | 5.4993E-03 | -6.4334E-03 |
| 4.5 | 4.4480E-03 | -5.2156E-03 | 4.8209E-03 | -5.8394E-03 |
| 4.6 | 3.9066E-03 | -4.7460E-03 | 4.2243E-03 | -5.2994E-03 |
| 4.7 | 3.4293E-03 | -4.3173E-03 | 3.6999E-03 | -4.8084E-03 |
| 4.8 | 3.0085E-03 | -3.9263E-03 | 3.2388E-03 | -4.3621E-03 |
| 4.9 | 2.6378E-03 | -3.5696E-03 | 2.8336E-03 | -3.9565E-03 |
| 5.0 | 2.3112E-03 | -3.2445E-03 | 2.4776E-03 | -3.5880E-03 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | 2.3112E-03 | -3.2445E-03 | 2.4776E-03 | -3.5880E-03 |
| 5.1 | 2.0236E-03 | -2.9481E-03 | 2.1648E-03 | -3.2532E-03 |
| 5.2 | 1.7704E-03 | -2.6781E-03 | 1.8901E-03 | -2.9491E-03 |
| 5.3 | 1.5476E-03 | -2.4322E-03 | 1.6489E-03 | -2.6729E-03 |
| 5.4 | 1.3517E-03 | -2.2083E-03 | 1.4373E-03 | -2.4221E-03 |
| 5.5 | 1.1794E-03 | -2.0044E-03 | 1.2517E-03 | -2.1944E-03 |
| 5.6 | 1.0281E-03 | -1.8190E-03 | 1.0889E-03 | -1.9878E-03 |
| 5.7 | 8.9514E-04 | -1.6502E-03 | 9.4628E-04 | -1.8003E-03 |
| 5.8 | 7.7848E-04 | -1.4968E-03 | 8.2134E-04 | -1.6301E-03 |
| 5.9 | 6.7615E-04 | -1.3572E-03 | 7.1197E-04 | -1.4758E-03 |
| 6.0 | 5.8646E-04 | -1.2304E-03 | 6.1630E-04 | -1.3358E-03 |
| 6.1 | 5.0790E-04 | -1.1152E-03 | 5.3267E-04 | -1.2089E-03 |
| 6.2 | 4.3915E-04 | -1.0105E-03 | 4.5962E-04 | -1.0938E-03 |
| 6.3 | 3.7902E-04 | -9.1542E-04 | 3.9585E-04 | -9.8947E-04 |
| 6.4 | 3.2649E-04 | -8.2908E-04 | 3.4025E-04 | -8.9493E-04 |
| 6.5 | 2.8064E-04 | -7.5072E-04 | 2.9181E-04 | -8.0926E-04 |
| 6.6 | 2.4066E-04 | -6.7960E-04 | 2.4965E-04 | -7.3165E-04 |
| 6.7 | 2.0583E-04 | -6.1507E-04 | 2.1300E-04 | -6.6136E-04 |
| 6.8 | 1.7554E-04 | -5.5654E-04 | 1.8118E-04 | -5.9770E-04 |
| 6.9 | 1.4922E-04 | -5.0347E-04 | 1.5358E-04 | -5.4006E-04 |
| 7.0 | 1.2638E-04 | -4.5535E-04 | 1.2968E-04 | -4.8788E-04 |
| 7.1 | 1.0660E-04 | -4.1173E-04 | 1.0902E-04 | -4.4066E-04 |
| 7.2 | 8.9484E-05 | -3.7221E-04 | 9.1192E-05 | -3.9793E-04 |
| 7.3 | 7.4710E-05 | -3.3640E-04 | 7.5828E-05 | -3.5927E-04 |
| 7.4 | 6.1979E-05 | -3.0397E-04 | 6.2618E-05 | -3.2430E-04 |
| 7.5 | 5.1033E-05 | -2.7460E-04 | 5.1285E-05 | -2.9268E-04 |
| 7.6 | 4.1642E-05 | -2.4802E-04 | 4.1586E-05 | -2.6408E-04 |
| 7.7 | 3.3608E-05 | -2.2395E-04 | 3.3309E-05 | -2.3823E-04 |
| 7.8 | 2.6753E-05 | -2.0218E-04 | 2.6266E-05 | -2.1487E-04 |
| 7.9 | 2.0924E-05 | -1.8248E-04 | 2.0293E-05 | -1.9376E-04 |
| 8.0 | 1.5985E-05 | -1.6466E-04 | 1.5249E-05 | -1.7468E-04 |
| 8.1 | 1.1817E-05 | -1.4854E-04 | 1.1006E-05 | -1.5745E-04 |
| 8.2 | 8.3161E-06 | -1.3398E-04 | 7.4566E-06 | -1.4189E-04 |
| 8.3 | 5.3918E-06 | -1.2081E-04 | 4.5038E-06 | -1.2784E-04 |
| 8.4 | 2.9643E-06 | -1.0891E-04 | 2.0645E-06 | -1.1516E-04 |
| 8.5 | 9.6410E-07 | -9.8161E-05 | 6.5797E-08 | -1.0371E-04 |
| 8.6 | -6.6939E-07 | -8.8451E-05 | -1.5557E-06 | -9.3381E-05 |
| 8.7 | -1.9890E-06 | -7.9683E-05 | -2.8552E-06 | -8.4062E-05 |
| 8.8 | -3.0407E-06 | -7.1767E-05 | -3.8805E-06 | -7.5655E-05 |
| 8.9 | -3.8646E-06 | -6.4621E-05 | -4.6734E-06 | -6.8073E-05 |
| 9.0 | -4.4952E-06 | -5.8173E-05 | -5.2698E-06 | -6.1238E-05 |
| 9.1 | -4.9627E-06 | -5.2356E-05 | -5.7009E-06 | -5.5076E-05 |
| 9.2 | -5.2931E-06 | -4.7108E-05 | -5.9936E-06 | -4.9522E-05 |
| 9.3 | -5.5090E-06 | -4.2376E-05 | -6.1713E-06 | -4.4518E-05 |
| 9.4 | -5.6297E-06 | -3.8110E-05 | -6.2537E-06 | -4.0010E-05 |
| 9.5 | -5.6720E-06 | -3.4264E-05 | -6.2582E-06 | -3.5950E-05 |
| 9.6 | -5.6500E-06 | -3.0799E-05 | -6.1993E-06 | -3.2294E-05 |
| 9.7 | -5.5763E-06 | -2.7677E-05 | -6.0897E-06 | -2.9002E-05 |
| 9.8 | -5.4611E-06 | -2.4864E-05 | -5.9399E-06 | -2.6040E-05 |
| 9.9 | -5.3134E-06 | -2.2332E-05 | -5.7591E-06 | -2.3374E-05 |
| 10.0 | -5.1408E-06 | -2.0052E-05 | -5.5550E-06 | -2.0975E-05 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | -5.1408E-06 | -2.0052E-05 | -5.5550E-06 | -2.0975E-05 |
| 10.1 | -4.9497E-06 | -1.8000E-05 | -5.3339E-06 | -1.8818E-05 |
| 10.2 | -4.7454E-06 | -1.6153E-05 | -5.1012E-06 | -1.6878E-05 |
| 10.3 | -4.5325E-06 | -1.4492E-05 | -4.8615E-06 | -1.5134E-05 |
| 10.4 | -4.3146E-06 | -1.2998E-05 | -4.6185E-06 | -1.3566E-05 |
| 10.5 | -4.0949E-06 | -1.1655E-05 | -4.3752E-06 | -1.2157E-05 |
| 10.6 | -3.8758E-06 | -1.0447E-05 | -4.1342E-06 | -1.0892E-05 |
| 10.7 | -3.6595E-06 | -9.3615E-06 | -3.8973E-06 | -9.7549E-06 |
| 10.8 | -3.4475E-06 | -8.3863E-06 | -3.6661E-06 | -8.7343E-06 |
| 10.9 | -3.2411E-06 | -7.5104E-06 | -3.4420E-06 | -7.8180E-06 |
| 11.0 | -3.0413E-06 | -6.7238E-06 | -3.2257E-06 | -6.9957E-06 |
| 11.1 | -2.8489E-06 | -6.0177E-06 | -3.0180E-06 | -6.2579E-06 |
| 11.2 | -2.6644E-06 | -5.3839E-06 | -2.8193E-06 | -5.5961E-06 |
| 11.3 | -2.4881E-06 | -4.8152E-06 | -2.6299E-06 | -5.0026E-06 |
| 11.4 | -2.3202E-06 | -4.3052E-06 | -2.4500E-06 | -4.4705E-06 |
| 11.5 | -2.1608E-06 | -3.8478E-06 | -2.2795E-06 | -3.9937E-06 |
| 11.6 | -2.0099E-06 | -3.4377E-06 | -2.1183E-06 | -3.5664E-06 |
| 11.7 | -1.8674E-06 | -3.0702E-06 | -1.9664E-06 | -3.1837E-06 |
| 11.8 | -1.7331E-06 | -2.7410E-06 | -1.8235E-06 | -2.8410E-06 |
| 11.9 | -1.6068E-06 | -2.4461E-06 | -1.6892E-06 | -2.5342E-06 |
| 12.0 | -1.4883E-06 | -2.1821E-06 | -1.5634E-06 | -2.2596E-06 |
| 12.1 | -1.3772E-06 | -1.9458E-06 | -1.4457E-06 | -2.0140E-06 |
| 12.2 | -1.2734E-06 | -1.7343E-06 | -1.3357E-06 | -1.7943E-06 |
| 12.3 | -1.1764E-06 | -1.5452E-06 | -1.2331E-06 | -1.5979E-06 |
| 12.4 | -1.0859E-06 | -1.3760E-06 | -1.1375E-06 | -1.4224E-06 |
| 12.5 | -1.0016E-06 | -1.2249E-06 | -1.0486E-06 | -1.2655E-06 |
| 12.6 | -9.2320E-07 | -1.0898E-06 | -9.6588E-07 | -1.1255E-06 |
| 12.7 | -8.5034E-07 | -9.6911E-07 | -8.8913E-07 | -1.0004E-06 |
| 12.8 | -7.8271E-07 | -8.6138E-07 | -8.1794E-07 | -8.8881E-07 |
| 12.9 | -7.2000E-07 | -7.6522E-07 | -7.5198E-07 | -7.8924E-07 |
| 13.0 | -6.6191E-07 | -6.7943E-07 | -6.9094E-07 | -7.0045E-07 |
| 13.1 | -6.0815E-07 | -6.0292E-07 | -6.3448E-07 | -6.2130E-07 |
| 13.2 | -5.5843E-07 | -5.3471E-07 | -5.8231E-07 | -5.5077E-07 |
| 13.3 | -5.1250E-07 | -4.7394E-07 | -5.3414E-07 | -4.8796E-07 |
| 13.4 | -4.7009E-07 | -4.1981E-07 | -4.8971E-07 | -4.3203E-07 |
| 13.5 | -4.3097E-07 | -3.7161E-07 | -4.4874E-07 | -3.8226E-07 |
| 13.6 | -3.9491E-07 | -3.2873E-07 | -4.1100E-07 | -3.3800E-07 |
| 13.7 | -3.6169E-07 | -2.9059E-07 | -3.7626E-07 | -2.9865E-07 |
| 13.8 | -3.3111E-07 | -2.5668E-07 | -3.4429E-07 | -2.6368E-07 |
| 13.9 | -3.0297E-07 | -2.2655E-07 | -3.1490E-07 | -2.3262E-07 |
| 14.0 | -2.7710E-07 | -1.9980E-07 | -2.8789E-07 | -2.0505E-07 |
| 14.1 | -2.5333E-07 | -1.7605E-07 | -2.6309E-07 | -1.8059E-07 |
| 14.2 | -2.3151E-07 | -1.5499E-07 | -2.4032E-07 | -1.5891E-07 |
| 14.3 | -2.1147E-07 | -1.3632E-07 | -2.1944E-07 | -1.3969E-07 |
| 14.4 | -1.9309E-07 | -1.1977E-07 | -2.0029E-07 | -1.2268E-07 |
| 14.5 | -1.7624E-07 | -1.0513E-07 | -1.8274E-07 | -1.0762E-07 |
| 14.6 | -1.6080E-07 | -9.2164E-08 | -1.6667E-07 | -9.4298E-08 |
| 14.7 | -1.4665E-07 | -8.0705E-08 | -1.5195E-07 | -8.2527E-08 |
| 14.8 | -1.3370E-07 | -7.0580E-08 | -1.3848E-07 | -7.2132E-08 |
| 14.9 | -1.2185E-07 | -6.1641E-08 | -1.2617E-07 | -6.2959E-08 |
| 15.0 | -1.1101E-07 | -5.3756E-08 | -1.1490E-07 | -5.4871E-08 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | -1.1101E-07 | -5.3756E-08 | -1.1490E-07 | -5.4871E-08 |
| 15.1 | -1.0110E-07 | -4.6806E-08 | -1.0461E-07 | -4.7746E-08 |
| 15.2 | -9.2041E-08 | -4.0686E-08 | -9.5204E-08 | -4.1474E-08 |
| 15.3 | -8.3766E-08 | -3.5301E-08 | -8.6616E-08 | -3.5959E-08 |
| 15.4 | -7.6209E-08 | -3.0569E-08 | -7.8777E-08 | -3.1115E-08 |
| 15.5 | -6.9311E-08 | -2.6414E-08 | -7.1624E-08 | -2.6864E-08 |
| 15.6 | -6.3017E-08 | -2.2769E-08 | -6.5100E-08 | -2.3137E-08 |
| 15.7 | -5.7276E-08 | -1.9577E-08 | -5.9152E-08 | -1.9875E-08 |
| 15.8 | -5.2042E-08 | -1.6784E-08 | -5.3730E-08 | -1.7022E-08 |
| 15.9 | -4.7271E-08 | -1.4344E-08 | -4.8790E-08 | -1.4531E-08 |
| 16.0 | -4.2924E-08 | -1.2215E-08 | -4.4291E-08 | -1.2359E-08 |
| 16.1 | -3.8965E-08 | -1.0360E-08 | -4.0194E-08 | -1.0468E-08 |
| 16.2 | -3.5360E-08 | -8.7466E-09 | -3.6465E-08 | -8.8245E-09 |
| 16.3 | -3.2079E-08 | -7.3462E-09 | -3.3073E-08 | -7.3989E-09 |
| 16.4 | -2.9094E-08 | -6.1327E-09 | -2.9987E-08 | -6.1645E-09 |
| 16.5 | -2.6379E-08 | -5.0834E-09 | -2.7181E-08 | -5.0980E-09 |
| 16.6 | -2.3910E-08 | -4.1782E-09 | -2.4631E-08 | -4.1789E-09 |
| 16.7 | -2.1666E-08 | -3.3993E-09 | -2.2313E-08 | -3.3886E-09 |
| 16.8 | -1.9626E-08 | -2.7310E-09 | -2.0208E-08 | -2.7112E-09 |
| 16.9 | -1.7774E-08 | -2.1592E-09 | -1.8296E-08 | -2.1324E-09 |
| 17.0 | -1.6092E-08 | -1.6717E-09 | -1.6560E-08 | -1.6395E-09 |
| 17.1 | -1.4564E-08 | -1.2578E-09 | -1.4984E-08 | -1.2215E-09 |
| 17.2 | -1.3178E-08 | -9.0774E-10 | -1.3555E-08 | -8.6862E-10 |
| 17.3 | -1.1921E-08 | -6.1329E-10 | -1.2259E-08 | -5.7226E-10 |
| 17.4 | -1.0780E-08 | -3.6699E-10 | -1.1083E-08 | -3.2486E-10 |
| 17.5 | -9.7457E-09 | -1.6237E-10 | -1.0017E-08 | -1.1979E-10 |
| 17.6 | -8.8081E-09 | 6.2729E-12 | -9.0514E-09 | 4.8773E-11 |
| 17.7 | -7.9585E-09 | 1.4393E-10 | -8.1763E-09 | 1.8592E-10 |
| 17.8 | -7.1887E-09 | 2.5498E-10 | -7.3838E-09 | 2.9611E-10 |
| 17.9 | -6.4915E-09 | 3.4324E-10 | -6.6662E-09 | 3.8324E-10 |
| 18.0 | -5.8603E-09 | 4.1205E-10 | -6.0166E-09 | 4.5073E-10 |
| 18.1 | -5.2889E-09 | 4.6432E-10 | -5.4288E-09 | 5.0152E-10 |
| 18.2 | -4.7718E-09 | 5.0259E-10 | -4.8970E-09 | 5.3821E-10 |
| 18.3 | -4.3041E-09 | 5.2907E-10 | -4.4160E-09 | 5.6304E-10 |
| 18.4 | -3.8811E-09 | 5.4566E-10 | -3.9811E-09 | 5.7794E-10 |
| 18.5 | -3.4986E-09 | 5.5401E-10 | -3.5880E-09 | 5.8459E-10 |
| 18.6 | -3.1528E-09 | 5.5557E-10 | -3.2328E-09 | 5.8445E-10 |
| 18.7 | -2.8404E-09 | 5.5155E-10 | -2.9118E-09 | 5.7876E-10 |
| 18.8 | -2.5582E-09 | 5.4303E-10 | -2.6220E-09 | 5.6860E-10 |
| 18.9 | -2.3034E-09 | 5.3090E-10 | -2.3603E-09 | 5.5489E-10 |
| 19.0 | -2.0733E-09 | 5.1594E-10 | -2.1240E-09 | 5.3840E-10 |
| 19.1 | -1.8656E-09 | 4.9882E-10 | -1.9109E-09 | 5.1981E-10 |
| 19.2 | -1.6782E-09 | 4.8010E-10 | -1.7186E-09 | 4.9967E-10 |
| 19.3 | -1.5091E-09 | 4.6024E-10 | -1.5451E-09 | 4.7847E-10 |
| 19.4 | -1.3567E-09 | 4.3964E-10 | -1.3888E-09 | 4.5660E-10 |
| 19.5 | -1.2192E-09 | 4.1864E-10 | -1.2478E-09 | 4.3439E-10 |
| 19.6 | -1.0953E-09 | 3.9750E-10 | -1.1208E-09 | 4.1211E-10 |
| 19.7 | -9.8373E-10 | 3.7646E-10 | -1.0064E-09 | 3.9000E-10 |
| 19.8 | -8.8320E-10 | 3.5569E-10 | -9.0338E-10 | 3.6822E-10 |
| 19.9 | -7.9267E-10 | 3.3535E-10 | -8.1063E-10 | 3.4693E-10 |
| 20.0 | -7.1118E-10 | 3.1555E-10 | -7.2715E-10 | 3.2625E-10 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|-----|------------|-------------|------------|-------------|
| 0.0 | INFINITY | -2.6180E-01 | INFINITY | - INFINITY |
| 0.1 | 2.4262E+00 | -2.5809E-01 | 9.5157E+00 | -2.6135E+00 |
| 0.2 | 1.7503E+00 | -2.5037E-01 | 4.6068E+00 | -1.3274E+00 |
| 0.3 | 1.3683E+00 | -2.4051E-01 | 2.9425E+00 | -8.9822E-01 |
| 0.4 | 1.1085E+00 | -2.2939E-01 | 2.0980E+00 | -6.8157E-01 |
| 0.5 | 9.1653E-01 | -2.1759E-01 | 1.5859E+00 | -5.4924E-01 |
| 0.6 | 7.6795E-01 | -2.0549E-01 | 1.2425E+00 | -4.5884E-01 |
| 0.7 | 6.4943E-01 | -1.9334E-01 | 9.9693E-01 | -3.9237E-01 |
| 0.8 | 5.5293E-01 | -1.8134E-01 | 8.1357E-01 | -3.4089E-01 |
| 0.9 | 4.7318E-01 | -1.6964E-01 | 6.7227E-01 | -2.9951E-01 |
| 1.0 | 4.0654E-01 | -1.5831E-01 | 5.6079E-01 | -2.6530E-01 |
| 1.1 | 3.5036E-01 | -1.4743E-01 | 4.7126E-01 | -2.3642E-01 |
| 1.2 | 3.0269E-01 | -1.3704E-01 | 3.9833E-01 | -2.1164E-01 |
| 1.3 | 2.6202E-01 | -1.2717E-01 | 3.3825E-01 | -1.9011E-01 |
| 1.4 | 2.2716E-01 | -1.1783E-01 | 2.8832E-01 | -1.7122E-01 |
| 1.5 | 1.9717E-01 | -1.0902E-01 | 2.4650E-01 | -1.5451E-01 |
| 1.6 | 1.7131E-01 | -1.0073E-01 | 2.1127E-01 | -1.3966E-01 |
| 1.7 | 1.4894E-01 | -9.2968E-02 | 1.8143E-01 | -1.2639E-01 |
| 1.8 | 1.2956E-01 | -8.5704E-02 | 1.5606E-01 | -1.1448E-01 |
| 1.9 | 1.1274E-01 | -7.8925E-02 | 1.3441E-01 | -1.0376E-01 |
| 2.0 | 9.8117E-02 | -7.2609E-02 | 1.1587E-01 | -9.4100E-02 |
| 2.1 | 8.5392E-02 | -6.6736E-02 | 9.9960E-02 | -8.5368E-02 |
| 2.2 | 7.4308E-02 | -6.1284E-02 | 8.6277E-02 | -7.7466E-02 |
| 2.3 | 6.4467E-02 | -5.6229E-02 | 7.4488E-02 | -7.0306E-02 |
| 2.4 | 5.6221E-02 | -5.1550E-02 | 6.4316E-02 | -6.3843E-02 |
| 2.5 | 4.8869E-02 | -4.7224E-02 | 5.5528E-02 | -5.7919E-02 |
| 2.6 | 4.2453E-02 | -4.3228E-02 | 4.7928E-02 | -5.2568E-02 |
| 2.7 | 3.6852E-02 | -3.9542E-02 | 4.1351E-02 | -4.7706E-02 |
| 2.8 | 3.1963E-02 | -3.6146E-02 | 3.5656E-02 | -4.3288E-02 |
| 2.9 | 2.7695E-02 | -3.3019E-02 | 3.0722E-02 | -3.9273E-02 |
| 3.0 | 2.3971E-02 | -3.0143E-02 | 2.6446E-02 | -3.5623E-02 |
| 3.1 | 2.0721E-02 | -2.7500E-02 | 2.2740E-02 | -3.2305E-02 |
| 3.2 | 1.7887E-02 | -2.5074E-02 | 1.9529E-02 | -2.9289E-02 |
| 3.3 | 1.5416E-02 | -2.2848E-02 | 1.6746E-02 | -2.6548E-02 |
| 3.4 | 1.3263E-02 | -2.0807E-02 | 1.4336E-02 | -2.4056E-02 |
| 3.5 | 1.1389E-02 | -1.8938E-02 | 1.2248E-02 | -2.1792E-02 |
| 3.6 | 9.7582E-03 | -1.7227E-02 | 1.0442E-02 | -1.9736E-02 |
| 3.7 | 8.3407E-03 | -1.5662E-02 | 8.8800E-03 | -1.7867E-02 |
| 3.8 | 7.1096E-03 | -1.4231E-02 | 7.5301E-03 | -1.6170E-02 |
| 3.9 | 6.0416E-03 | -1.2924E-02 | 6.3649E-03 | -1.4630E-02 |
| 4.0 | 5.1163E-03 | -1.1731E-02 | 5.3601E-03 | -1.3232E-02 |
| 4.1 | 4.3156E-03 | -1.0643E-02 | 4.4947E-03 | -1.1963E-02 |
| 4.2 | 3.6238E-03 | -9.6503E-03 | 3.7505E-03 | -1.0812E-02 |
| 4.3 | 3.0271E-03 | -8.7458E-03 | 3.1116E-03 | -9.7679E-03 |
| 4.4 | 2.5133E-03 | -7.9220E-03 | 2.5640E-03 | -8.8215E-03 |
| 4.5 | 2.0718E-03 | -7.1721E-03 | 2.0957E-03 | -7.9638E-03 |
| 4.6 | 1.6933E-03 | -6.4900E-03 | 1.6961E-03 | -7.1867E-03 |
| 4.7 | 1.3696E-03 | -5.8697E-03 | 1.3560E-03 | -6.4829E-03 |
| 4.8 | 1.0936E-03 | -5.3061E-03 | 1.0674E-03 | -5.8456E-03 |
| 4.9 | 8.5887E-04 | -4.7941E-03 | 8.2341E-04 | -5.2689E-03 |
| 5.0 | 6.6005E-04 | -4.3294E-03 | 6.1785E-04 | -4.7471E-03 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | 6.6005E-04 | -4.3294E-03 | 6.1785E-04 | -4.7471E-03 |
| 5.1 | 4.9229E-04 | -3.9077E-03 | 4.4544E-04 | -4.2752E-03 |
| 5.2 | 3.5138E-04 | -3.5253E-03 | 3.0157E-04 | -3.8486E-03 |
| 5.3 | 2.3367E-04 | -3.1787E-03 | 1.8223E-04 | -3.4630E-03 |
| 5.4 | 1.3593E-04 | -2.8647E-03 | 8.3924E-05 | -3.1147E-03 |
| 5.5 | 5.5356E-05 | -2.5804E-03 | 3.6293E-06 | -2.8001E-03 |
| 5.6 | -1.0480E-05 | -2.3231E-03 | -6.1291E-05 | -2.5162E-03 |
| 5.7 | -6.3712E-05 | -2.0904E-03 | -1.1312E-04 | -2.2600E-03 |
| 5.8 | -1.0619E-04 | -1.8800E-03 | -1.5383E-04 | -2.0290E-03 |
| 5.9 | -1.3952E-04 | -1.6898E-03 | -1.8514E-04 | -1.8206E-03 |
| 6.0 | -1.6510E-04 | -1.5181E-03 | -2.0853E-04 | -1.6329E-03 |
| 6.1 | -1.8413E-04 | -1.3630E-03 | -2.2527E-04 | -1.4638E-03 |
| 6.2 | -1.9767E-04 | -1.2231E-03 | -2.3647E-04 | -1.3115E-03 |
| 6.3 | -2.0662E-04 | -1.0970E-03 | -2.4306E-04 | -1.1744E-03 |
| 6.4 | -2.1175E-04 | -9.8325E-04 | -2.4587E-04 | -1.0511E-03 |
| 6.5 | -2.1374E-04 | -8.8081E-04 | -2.4558E-04 | -9.4024E-04 |
| 6.6 | -2.1315E-04 | -7.8856E-04 | -2.4280E-04 | -8.4059E-04 |
| 6.7 | -2.1049E-04 | -7.0554E-04 | -2.3802E-04 | -7.5105E-04 |
| 6.8 | -2.0618E-04 | -6.3087E-04 | -2.3168E-04 | -6.7066E-04 |
| 6.9 | -2.0056E-04 | -5.6373E-04 | -2.2414E-04 | -5.9850E-04 |
| 7.0 | -1.9395E-04 | -5.0341E-04 | -2.1571E-04 | -5.3377E-04 |
| 7.1 | -1.8660E-04 | -4.4924E-04 | -2.0665E-04 | -4.7572E-04 |
| 7.2 | -1.7872E-04 | -4.0062E-04 | -1.9716E-04 | -4.2371E-04 |
| 7.3 | -1.7050E-04 | -3.5701E-04 | -1.8744E-04 | -3.7712E-04 |
| 7.4 | -1.6208E-04 | -3.1791E-04 | -1.7762E-04 | -3.3541E-04 |
| 7.5 | -1.5358E-04 | -2.8288E-04 | -1.6782E-04 | -2.9809E-04 |
| 7.6 | -1.4512E-04 | -2.5151E-04 | -1.5814E-04 | -2.6472E-04 |
| 7.7 | -1.3676E-04 | -2.2343E-04 | -1.4866E-04 | -2.3490E-04 |
| 7.8 | -1.2857E-04 | -1.9833E-04 | -1.3944E-04 | -2.0826E-04 |
| 7.9 | -1.2062E-04 | -1.7589E-04 | -1.3053E-04 | -1.8449E-04 |
| 8.0 | -1.1292E-04 | -1.5584E-04 | -1.2195E-04 | -1.6328E-04 |
| 8.1 | -1.0552E-04 | -1.3795E-04 | -1.1374E-04 | -1.4437E-04 |
| 8.2 | -9.8425E-05 | -1.2200E-04 | -1.0591E-04 | -1.2753E-04 |
| 8.3 | -9.1661E-05 | -1.0777E-04 | -9.8460E-05 | -1.1253E-04 |
| 8.4 | -8.5231E-05 | -9.5103E-05 | -9.1405E-05 | -9.9190E-05 |
| 8.5 | -7.9138E-05 | -8.3827E-05 | -8.4740E-05 | -8.7330E-05 |
| 8.6 | -7.3380E-05 | -7.3800E-05 | -7.8459E-05 | -7.6795E-05 |
| 8.7 | -6.7954E-05 | -6.4889E-05 | -7.2556E-05 | -6.7444E-05 |
| 8.8 | -6.2852E-05 | -5.6978E-05 | -6.7019E-05 | -5.9151E-05 |
| 8.9 | -5.8066E-05 | -4.9959E-05 | -6.1836E-05 | -5.1803E-05 |
| 9.0 | -5.3584E-05 | -4.3739E-05 | -5.6993E-05 | -4.5298E-05 |
| 9.1 | -4.9396E-05 | -3.8231E-05 | -5.2477E-05 | -3.9544E-05 |
| 9.2 | -4.5489E-05 | -3.3359E-05 | -4.8271E-05 | -3.4460E-05 |
| 9.3 | -4.1850E-05 | -2.9054E-05 | -4.4361E-05 | -2.9973E-05 |
| 9.4 | -3.8466E-05 | -2.5253E-05 | -4.0731E-05 | -2.6016E-05 |
| 9.5 | -3.5324E-05 | -2.1902E-05 | -3.7366E-05 | -2.2531E-05 |
| 9.6 | -3.2410E-05 | -1.8950E-05 | -3.4249E-05 | -1.9466E-05 |
| 9.7 | -2.9711E-05 | -1.6354E-05 | -3.1367E-05 | -1.6772E-05 |
| 9.8 | -2.7214E-05 | -1.4074E-05 | -2.8705E-05 | -1.4409E-05 |
| 9.9 | -2.4907E-05 | -1.2074E-05 | -2.6248E-05 | -1.2339E-05 |
| 10.0 | -2.2778E-05 | -1.0322E-05 | -2.3983E-05 | -1.0528E-05 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|--------------|-------------|-------------|
| 10.0 | -2.2778E-05 | -1.0322E-05 | -2.3983E-05 | -1.0528E-05 |
| 10.1 | -2.0815E-05 | -8.7896E-06 | -2.1898E-05 | -8.9458E-06 |
| 10.2 | -1.9007E-05 | -7.4520E-06 | -1.9979E-05 | -7.5666E-06 |
| 10.3 | -1.7344E-05 | -6.2865E-06 | -1.8216E-05 | -6.3664E-06 |
| 10.4 | -1.5814E-05 | -5.2729E-06 | -1.6597E-05 | -5.3241E-06 |
| 10.5 | -1.4410E-05 | -4.3932E-06 | -1.5111E-05 | -4.4209E-06 |
| 10.6 | -1.3121E-05 | -3.6316E-06 | -1.3750E-05 | -3.6401E-06 |
| 10.7 | -1.1939E-05 | -2.9738E-06 | -1.2502E-05 | -2.9668E-06 |
| 10.8 | -1.0857E-05 | -2.4073E-06 | -1.1361E-05 | -2.3880E-06 |
| 10.9 | -9.8658E-06 | -1.9209E-06 | -1.0316E-05 | -1.8919E-06 |
| 11.0 | -8.9594E-06 | -1.5047E-06 | -9.3623E-06 | -1.4682E-06 |
| 11.1 | -8.1310E-06 | -1.1499E-06 | -8.4910E-06 | -1.1079E-06 |
| 11.2 | -7.3744E-06 | -8.4873E-07 | -7.6959E-06 | -8.0272E-07 |
| 11.3 | -6.6840E-06 | -7.59432E-07 | -6.9709E-06 | -5.4562E-07 |
| 11.4 | -6.0543E-06 | -3.8059E-07 | -6.3102E-06 | -3.3029E-07 |
| 11.5 | -5.4804E-06 | -2.0219E-07 | -5.7086E-06 | -1.5117E-07 |
| 11.6 | -4.9578E-06 | -5.4410E-08 | -5.1611E-06 | -3.3856E-09 |
| 11.7 | -4.4822E-06 | 6.6916E-08 | -4.6632E-06 | 1.1737E-07 |
| 11.8 | -4.0496E-06 | 1.6544E-07 | -4.2107E-06 | 2.1487E-07 |
| 11.9 | -3.6565E-06 | 2.4437E-07 | -3.7997E-06 | 2.9242E-07 |
| 12.0 | -3.2994E-06 | 3.0651E-07 | -3.4266E-06 | 3.5292E-07 |
| 12.1 | -2.9752E-06 | 3.5433E-07 | -3.0883E-06 | 3.9891E-07 |
| 12.2 | -2.6812E-06 | 3.8998E-07 | -2.7815E-06 | 4.3258E-07 |
| 12.3 | -2.4147E-06 | 4.1533E-07 | -2.5036E-06 | 4.5586E-07 |
| 12.4 | -2.1732E-06 | 4.3201E-07 | -2.2520E-06 | 4.7044E-07 |
| 12.5 | -1.9545E-06 | 4.4146E-07 | -2.0244E-06 | 4.7776E-07 |
| 12.6 | -1.7567E-06 | 4.4489E-07 | -1.8185E-06 | 4.7908E-07 |
| 12.7 | -1.5778E-06 | 4.4337E-07 | -1.6325E-06 | 4.7548E-07 |
| 12.8 | -1.4162E-06 | 4.3782E-07 | -1.4645E-06 | 4.6790E-07 |
| 12.9 | -1.2702E-06 | 4.2903E-07 | -1.3128E-06 | 4.5714E-07 |
| 13.0 | -1.1384E-06 | 4.1767E-07 | -1.1760E-06 | 4.4389E-07 |
| 13.1 | -1.0196E-06 | 4.0433E-07 | -1.0527E-06 | 4.2873E-07 |
| 13.2 | -9.1250E-07 | 3.8949E-07 | -9.4166E-07 | 4.1216E-07 |
| 13.3 | -8.1601E-07 | 3.7358E-07 | -8.4166E-07 | 3.9461E-07 |
| 13.4 | -7.2916E-07 | 3.5693E-07 | -7.5169E-07 | 3.7641E-07 |
| 13.5 | -6.5103E-07 | 3.3986E-07 | -6.7080E-07 | 3.5787E-07 |
| 13.6 | -5.8078E-07 | 3.2260E-07 | -5.9812E-07 | 3.3922E-07 |
| 13.7 | -5.1768E-07 | 3.0535E-07 | -5.3285E-07 | 3.2068E-07 |
| 13.8 | -4.6103E-07 | 2.8828E-07 | -4.7430E-07 | 3.0240E-07 |
| 13.9 | -4.1020E-07 | 2.7152E-07 | -4.2179E-07 | 2.8451E-07 |
| 14.0 | -3.6464E-07 | 2.5518E-07 | -3.7474E-07 | 2.6711E-07 |
| 14.1 | -3.2382E-07 | 2.3934E-07 | -3.3261E-07 | 2.5029E-07 |
| 14.2 | -2.8728E-07 | 2.2406E-07 | -2.9492E-07 | 2.3411E-07 |
| 14.3 | -2.5459E-07 | 2.0939E-07 | -2.6122E-07 | 2.1859E-07 |
| 14.4 | -2.2537E-07 | 1.9536E-07 | -2.3112E-07 | 2.0378E-07 |
| 14.5 | -1.9928E-07 | 1.8199E-07 | -2.0425E-07 | 1.8969E-07 |
| 14.6 | -1.7600E-07 | 1.6929E-07 | -1.8028E-07 | 1.7632E-07 |
| 14.7 | -1.5524E-07 | 1.5726E-07 | -1.5892E-07 | 1.6368E-07 |
| 14.8 | -1.3674E-07 | 1.4590E-07 | -1.3990E-07 | 1.5175E-07 |
| 14.9 | -1.2028E-07 | 1.3518E-07 | -1.2298E-07 | 1.4052E-07 |
| 15.0 | -1.0564E-07 | 1.2511E-07 | -1.0795E-07 | 1.2997E-07 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|------------|-------------|------------|
| 15.0 | -1.0564E-07 | 1.2511E-07 | -1.0795E-07 | 1.2997E-07 |
| 15.1 | -9.2639E-08 | 1.1566E-07 | -9.4598E-08 | 1.2008E-07 |
| 15.2 | -8.1099E-08 | 1.0680E-07 | -8.2757E-08 | 1.1082E-07 |
| 15.3 | -7.0867E-08 | 9.8524E-08 | -7.2264E-08 | 1.0217E-07 |
| 15.4 | -6.1806E-08 | 9.0797E-08 | -6.2976E-08 | 9.4110E-08 |
| 15.5 | -5.3790E-08 | 8.3595E-08 | -5.4765E-08 | 8.6600E-08 |
| 15.6 | -4.6708E-08 | 7.6893E-08 | -4.7514E-08 | 7.9618E-08 |
| 15.7 | -4.0458E-08 | 7.0665E-08 | -4.1119E-08 | 7.3133E-08 |
| 15.8 | -3.4950E-08 | 6.4885E-08 | -3.5487E-08 | 6.7120E-08 |
| 15.9 | -3.0102E-08 | 5.9527E-08 | -3.0533E-08 | 6.1549E-08 |
| 16.0 | -2.5842E-08 | 5.4567E-08 | -2.6183E-08 | 5.6395E-08 |
| 16.1 | -2.2104E-08 | 4.9980E-08 | -2.2368E-08 | 5.1632E-08 |
| 16.2 | -1.8830E-08 | 4.5742E-08 | -1.9028E-08 | 4.7234E-08 |
| 16.3 | -1.5967E-08 | 4.1832E-08 | -1.6111E-08 | 4.3179E-08 |
| 16.4 | -1.3468E-08 | 3.8228E-08 | -1.3566E-08 | 3.9442E-08 |
| 16.5 | -1.1291E-08 | 3.4908E-08 | -1.1351E-08 | 3.6003E-08 |
| 16.6 | -9.3994E-09 | 3.1854E-08 | -9.4277E-09 | 3.2840E-08 |
| 16.7 | -7.7594E-09 | 2.9046E-08 | -7.7618E-09 | 2.9934E-08 |
| 16.8 | -6.3411E-09 | 2.6467E-08 | -6.3227E-09 | 2.7266E-08 |
| 16.9 | -5.1182E-09 | 2.4101E-08 | -5.0830E-09 | 2.4819E-08 |
| 17.0 | -4.0671E-09 | 2.1931E-08 | -4.0186E-09 | 2.2576E-08 |
| 17.1 | -3.1667E-09 | 1.9942E-08 | -3.1080E-09 | 2.0522E-08 |
| 17.2 | -2.3985E-09 | 1.8122E-08 | -2.3322E-09 | 1.8643E-08 |
| 17.3 | -1.7460E-09 | 1.6458E-08 | -1.6742E-09 | 1.6924E-08 |
| 17.4 | -1.1944E-09 | 1.4936E-08 | -1.1190E-09 | 1.5354E-08 |
| 17.5 | -7.3096E-10 | 1.3546E-08 | -6.5328E-10 | 1.3920E-08 |
| 17.6 | -3.4408E-10 | 1.2277E-08 | -2.6543E-10 | 1.2612E-08 |
| 17.7 | -2.3658E-11 | 1.1120E-08 | 5.4946E-11 | 1.1420E-08 |
| 17.8 | 2.3923E-10 | 1.0065E-08 | 3.1697E-10 | 1.0333E-08 |
| 17.9 | 4.5245E-10 | 9.1045E-09 | 5.2868E-10 | 9.3440E-09 |
| 18.0 | 6.2293E-10 | 8.2301E-09 | 6.9715E-10 | 8.4440E-09 |
| 18.1 | 7.5676E-10 | 7.4348E-09 | 8.2855E-10 | 7.6256E-09 |
| 18.2 | 8.5926E-10 | 6.7120E-09 | 9.2834E-10 | 6.8820E-09 |
| 18.3 | 9.3511E-10 | 6.0553E-09 | 1.0013E-09 | 6.2068E-09 |
| 18.4 | 9.8839E-10 | 5.4593E-09 | 1.0515E-09 | 5.5941E-09 |
| 18.5 | 1.0227E-09 | 4.9185E-09 | 1.0826E-09 | 5.0385E-09 |
| 18.6 | 1.0410E-09 | 4.4283E-09 | 1.0978E-09 | 4.5349E-09 |
| 18.7 | 1.0462E-09 | 3.9842E-09 | 1.0998E-09 | 4.0789E-09 |
| 18.8 | 1.0404E-09 | 3.5821E-09 | 1.0909E-09 | 3.6661E-09 |
| 18.9 | 1.0258E-09 | 3.2183E-09 | 1.0732E-09 | 3.2928E-09 |
| 19.0 | 1.0041E-09 | 2.8894E-09 | 1.0485E-09 | 2.9553E-09 |
| 19.1 | 9.7668E-10 | 2.5921E-09 | 1.0183E-09 | 2.6505E-09 |
| 19.2 | 9.4494E-10 | 2.3237E-09 | 9.8374E-10 | 2.3753E-09 |
| 19.3 | 9.0993E-10 | 2.0815E-09 | 9.4607E-10 | 2.1270E-09 |
| 19.4 | 8.7256E-10 | 1.8630E-09 | 9.0618E-10 | 1.9032E-09 |
| 19.5 | 8.3362E-10 | 1.6662E-09 | 8.6484E-10 | 1.7016E-09 |
| 19.6 | 7.9377E-10 | 1.4889E-09 | 8.2271E-10 | 1.5201E-09 |
| 19.7 | 7.5354E-10 | 1.3294E-09 | 7.8034E-10 | 1.3568E-09 |
| 19.8 | 7.1338E-10 | 1.1859E-09 | 7.3817E-10 | 1.2099E-09 |
| 19.9 | 6.7367E-10 | 1.0569E-09 | 6.9656E-10 | 1.0780E-09 |
| 20.0 | 6.3471E-10 | 9.4113E-10 | 6.5582E-10 | 9.5959E-10 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | INFINITY | -3.4907E-01 | INFINITY | - INFINITY |
| 0.1 | 2.4256E+00 | -3.4423E-01 | 9.2537E+00 | -3.4539E+00 |
| 0.2 | 1.7485E+00 | -3.3414E-01 | 4.4765E+00 | -1.7546E+00 |
| 0.3 | 1.3650E+00 | -3.2119E-01 | 2.8552E+00 | -1.1877E+00 |
| 0.4 | 1.1038E+00 | -3.0653E-01 | 2.0316E+00 | -9.0154E-01 |
| 0.5 | 9.1044E-01 | -2.9092E-01 | 1.5316E+00 | -7.2674E-01 |
| 0.6 | 7.6053E-01 | -2.7486E-01 | 1.1960E+00 | -6.0730E-01 |
| 0.7 | 6.4081E-01 | -2.5870E-01 | 9.5582E-01 | -5.1942E-01 |
| 0.8 | 5.4325E-01 | -2.4269E-01 | 7.7639E-01 | -4.5132E-01 |
| 0.9 | 4.6259E-01 | -2.2704E-01 | 6.3809E-01 | -3.9653E-01 |
| 1.0 | 3.9519E-01 | -2.1186E-01 | 5.2901E-01 | -3.5118E-01 |
| 1.1 | 3.3840E-01 | -1.9725E-01 | 4.4146E-01 | -3.1286E-01 |
| 1.2 | 2.9025E-01 | -1.8327E-01 | 3.7022E-01 | -2.7994E-01 |
| 1.3 | 2.4923E-01 | -1.6997E-01 | 3.1164E-01 | -2.5130E-01 |
| 1.4 | 2.1414E-01 | -1.5736E-01 | 2.6306E-01 | -2.2615E-01 |
| 1.5 | 1.8403E-01 | -1.4546E-01 | 2.2248E-01 | -2.0390E-01 |
| 1.6 | 1.5815E-01 | -1.3426E-01 | 1.8842E-01 | -1.8409E-01 |
| 1.7 | 1.3584E-01 | -1.2375E-01 | 1.5968E-01 | -1.6637E-01 |
| 1.8 | 1.1660E-01 | -1.1391E-01 | 1.3536E-01 | -1.5047E-01 |
| 1.9 | 9.9976E-02 | -1.0472E-01 | 1.1472E-01 | -1.3615E-01 |
| 2.0 | 8.5611E-02 | -9.6159E-02 | 9.7155E-02 | -1.2324E-01 |
| 2.1 | 7.3191E-02 | -8.8196E-02 | 8.2189E-02 | -1.1156E-01 |
| 2.2 | 6.2452E-02 | -8.0804E-02 | 6.9418E-02 | -1.0100E-01 |
| 2.3 | 5.3166E-02 | -7.3953E-02 | 5.8513E-02 | -9.1432E-02 |
| 2.4 | 4.5141E-02 | -6.7613E-02 | 4.9195E-02 | -8.2757E-02 |
| 2.5 | 3.8208E-02 | -6.1755E-02 | 4.1234E-02 | -7.4889E-02 |
| 2.6 | 3.2224E-02 | -5.6350E-02 | 3.4432E-02 | -6.7749E-02 |
| 2.7 | 2.7064E-02 | -5.1368E-02 | 2.8624E-02 | -6.1270E-02 |
| 2.8 | 2.2620E-02 | -4.6784E-02 | 2.3668E-02 | -5.5388E-02 |
| 2.9 | 1.8798E-02 | -4.2569E-02 | 1.9445E-02 | -5.0051E-02 |
| 3.0 | 1.5517E-02 | -3.8699E-02 | 1.5850E-02 | -4.5206E-02 |
| 3.1 | 1.2705E-02 | -3.5149E-02 | 1.2797E-02 | -4.0811E-02 |
| 3.2 | 1.0301E-02 | -3.1897E-02 | 1.0209E-02 | -3.6824E-02 |
| 3.3 | 8.2505E-03 | -2.8920E-02 | 8.0213E-03 | -3.3208E-02 |
| 3.4 | 6.5071E-03 | -2.6198E-02 | 6.1770E-03 | -2.9930E-02 |
| 3.5 | 5.0295E-03 | -2.3711E-02 | 4.6280E-03 | -2.6959E-02 |
| 3.6 | 3.7821E-03 | -2.1442E-02 | 3.3324E-03 | -2.4268E-02 |
| 3.7 | 2.7335E-03 | -1.9373E-02 | 2.2542E-03 | -2.1832E-02 |
| 3.8 | 1.8566E-03 | -1.7488E-02 | 1.3620E-03 | -1.9627E-02 |
| 3.9 | 1.1276E-03 | -1.5773E-02 | 6.2895E-04 | -1.7632E-02 |
| 4.0 | 5.2583E-04 | -1.4213E-02 | 3.1700E-05 | -1.5829E-02 |
| 4.1 | 3.3245E-05 | -1.2796E-02 | -4.4990E-04 | -1.4200E-02 |
| 4.2 | -3.6585E-04 | -1.1509E-02 | -8.3326E-04 | -1.2729E-02 |
| 4.3 | -6.8512E-04 | -1.0343E-02 | -1.1334E-03 | -1.1401E-02 |
| 4.4 | -9.3643E-04 | -9.2858E-03 | -1.3633E-03 | -1.0204E-02 |
| 4.5 | -1.1301E-03 | -8.3288E-03 | -1.5341E-03 | -9.1246E-03 |
| 4.6 | -1.2750E-03 | -7.4632E-03 | -1.6554E-03 | -8.1523E-03 |
| 4.7 | -1.3790E-03 | -6.6809E-03 | -1.7355E-03 | -7.2771E-03 |
| 4.8 | -1.4487E-03 | -5.9745E-03 | -1.7816E-03 | -6.4898E-03 |
| 4.9 | -1.4899E-03 | -5.3372E-03 | -1.7996E-03 | -5.7821E-03 |
| 5.0 | -1.5076E-03 | -4.7627E-03 | -1.7948E-03 | -5.1464E-03 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | -1.5076E-03 | -4.7627E-03 | -1.7948E-03 | -5.1464E-03 |
| 5.1 | -1.5060E-03 | -4.2454E-03 | -1.7716E-03 | -4.5758E-03 |
| 5.2 | -1.4887E-03 | -3.7799E-03 | -1.7338E-03 | -4.0641E-03 |
| 5.3 | -1.4591E-03 | -3.3614E-03 | -1.6847E-03 | -3.6055E-03 |
| 5.4 | -1.4196E-03 | -2.9856E-03 | -1.6268E-03 | -3.1948E-03 |
| 5.5 | -1.3726E-03 | -2.6484E-03 | -1.5625E-03 | -2.8275E-03 |
| 5.6 | -1.3199E-03 | -2.3462E-03 | -1.4938E-03 | -2.4990E-03 |
| 5.7 | -1.2632E-03 | -2.0755E-03 | -1.4221E-03 | -2.2058E-03 |
| 5.8 | -1.2039E-03 | -1.8334E-03 | -1.3488E-03 | -1.9441E-03 |
| 5.9 | -1.1431E-03 | -1.6170E-03 | -1.2751E-03 | -1.7108E-03 |
| 6.0 | -1.0816E-03 | -1.4238E-03 | -1.2017E-03 | -1.5031E-03 |
| 6.1 | -1.0203E-03 | -1.2516E-03 | -1.1293E-03 | -1.3183E-03 |
| 6.2 | -9.5971E-04 | -1.0982E-03 | -1.0587E-03 | -1.1541E-03 |
| 6.3 | -9.0040E-04 | -9.6166E-04 | -9.9007E-04 | -1.0084E-03 |
| 6.4 | -8.4273E-04 | -8.4038E-04 | -9.2389E-04 | -8.7915E-04 |
| 6.5 | -7.8699E-04 | -7.3274E-04 | -8.6037E-04 | -7.6475E-04 |
| 6.6 | -7.3341E-04 | -6.3735E-04 | -7.9968E-04 | -6.6358E-04 |
| 6.7 | -6.8213E-04 | -5.5293E-04 | -7.4193E-04 | -5.7424E-04 |
| 6.8 | -6.3328E-04 | -4.7831E-04 | -6.8717E-04 | -4.9546E-04 |
| 6.9 | -5.8689E-04 | -4.1248E-04 | -6.3541E-04 | -4.2609E-04 |
| 7.0 | -5.4301E-04 | -3.5447E-04 | -5.8665E-04 | -3.6512E-04 |
| 7.1 | -5.0161E-04 | -3.0346E-04 | -5.4083E-04 | -3.1161E-04 |
| 7.2 | -4.6267E-04 | -2.5867E-04 | -4.9788E-04 | -2.6474E-04 |
| 7.3 | -4.2613E-04 | -2.1943E-04 | -4.5771E-04 | -2.2376E-04 |
| 7.4 | -3.9193E-04 | -1.8512E-04 | -4.2023E-04 | -1.8801E-04 |
| 7.5 | -3.5998E-04 | -1.5518E-04 | -3.8532E-04 | -1.5689E-04 |
| 7.6 | -3.3021E-04 | -1.2912E-04 | -3.5287E-04 | -1.2987E-04 |
| 7.7 | -3.0252E-04 | -1.0649E-04 | -3.2277E-04 | -1.0647E-04 |
| 7.8 | -2.7680E-04 | -8.6906E-05 | -2.9488E-04 | -8.6260E-05 |
| 7.9 | -2.5296E-04 | -6.9999E-05 | -2.6909E-04 | -6.8868E-05 |
| 8.0 | -2.3091E-04 | -5.5456E-05 | -2.4527E-04 | -5.3951E-05 |
| 8.1 | -2.1052E-04 | -4.2993E-05 | -2.2331E-04 | -4.1207E-05 |
| 8.2 | -1.9172E-04 | -3.2357E-05 | -2.0310E-04 | -3.0368E-05 |
| 8.3 | -1.7440E-04 | -2.3323E-05 | -1.8450E-04 | -2.1196E-05 |
| 8.4 | -1.5847E-04 | -1.5690E-05 | -1.6743E-04 | -1.3478E-05 |
| 8.5 | -1.4383E-04 | -9.2807E-06 | -1.5178E-04 | -7.0276E-06 |
| 8.6 | -1.3039E-04 | -3.9375E-06 | -1.3743E-04 | -1.6782E-06 |
| 8.7 | -1.1808E-04 | 4.7951E-07 | -1.2431E-04 | 2.7168E-06 |
| 8.8 | -1.0682E-04 | 4.0941E-06 | -1.1232E-04 | 6.2871E-06 |
| 8.9 | -9.6519E-05 | 7.0154E-06 | -1.0138E-04 | 9.1469E-06 |
| 9.0 | -8.7116E-05 | 9.3397E-06 | -9.1398E-05 | 1.1397E-05 |
| 9.1 | -7.8540E-05 | 1.1152E-05 | -8.2311E-05 | 1.3125E-05 |
| 9.2 | -7.0728E-05 | 1.2527E-05 | -7.4043E-05 | 1.4409E-05 |
| 9.3 | -6.3620E-05 | 1.3529E-05 | -6.6530E-05 | 1.5317E-05 |
| 9.4 | -5.7159E-05 | 1.4217E-05 | -5.9711E-05 | 1.5907E-05 |
| 9.5 | -5.1293E-05 | 1.4640E-05 | -5.3527E-05 | 1.6232E-05 |
| 9.6 | -4.5973E-05 | 1.4841E-05 | -4.7925E-05 | 1.6337E-05 |
| 9.7 | -4.1154E-05 | 1.4859E-05 | -4.2857E-05 | 1.6259E-05 |
| 9.8 | -3.6793E-05 | 1.4727E-05 | -3.8276E-05 | 1.6034E-05 |
| 9.9 | -3.2851E-05 | 1.4473E-05 | -3.4140E-05 | 1.5690E-05 |
| 10.0 | -2.9292E-05 | 1.4121E-05 | -3.0410E-05 | 1.5252E-05 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|------------|-------------|------------|
| 10.0 | -2.9292E-05 | 1.4121E-05 | -3.0410E-05 | 1.5252E-05 |
| 10.1 | -2.6081E-05 | 1.3693E-05 | -2.7049E-05 | 1.4741E-05 |
| 10.2 | -2.3190E-05 | 1.3207E-05 | -2.4025E-05 | 1.4176E-05 |
| 10.3 | -2.0587E-05 | 1.2677E-05 | -2.1307E-05 | 1.3572E-05 |
| 10.4 | -1.8248E-05 | 1.2117E-05 | -1.8866E-05 | 1.2943E-05 |
| 10.5 | -1.6149E-05 | 1.1538E-05 | -1.6678E-05 | 1.2298E-05 |
| 10.6 | -1.4266E-05 | 1.0950E-05 | -1.4717E-05 | 1.1647E-05 |
| 10.7 | -1.2579E-05 | 1.0358E-05 | -1.2963E-05 | 1.0998E-05 |
| 10.8 | -1.1071E-05 | 9.7712E-06 | -1.1396E-05 | 1.0357E-05 |
| 10.9 | -9.7239E-06 | 9.1930E-06 | -9.9970E-06 | 9.7289E-06 |
| 11.0 | -8.5220E-06 | 8.6278E-06 | -8.7506E-06 | 9.1173E-06 |
| 11.1 | -7.4511E-06 | 8.0790E-06 | -7.6413E-06 | 8.5255E-06 |
| 11.2 | -6.4986E-06 | 7.5490E-06 | -6.6556E-06 | 7.9557E-06 |
| 11.3 | -5.6524E-06 | 7.0396E-06 | -5.7808E-06 | 7.4097E-06 |
| 11.4 | -4.9019E-06 | 6.5522E-06 | -5.0058E-06 | 6.8885E-06 |
| 11.5 | -4.2373E-06 | 6.0876E-06 | -4.3203E-06 | 6.3929E-06 |
| 11.6 | -3.6498E-06 | 5.6464E-06 | -3.7150E-06 | 5.9231E-06 |
| 11.7 | -3.1314E-06 | 5.2286E-06 | -3.1814E-06 | 5.4792E-06 |
| 11.8 | -2.6748E-06 | 4.8342E-06 | -2.7120E-06 | 5.0609E-06 |
| 11.9 | -2.2734E-06 | 4.4628E-06 | -2.2999E-06 | 4.6677E-06 |
| 12.0 | -1.9214E-06 | 4.1141E-06 | -1.9389E-06 | 4.2990E-06 |
| 12.1 | -1.6133E-06 | 3.7873E-06 | -1.6233E-06 | 3.9540E-06 |
| 12.2 | -1.3443E-06 | 3.4817E-06 | -1.3482E-06 | 3.6319E-06 |
| 12.3 | -1.1101E-06 | 3.1966E-06 | -1.1089E-06 | 3.3317E-06 |
| 12.4 | -9.0677E-07 | 2.9311E-06 | -9.0155E-07 | 3.0525E-06 |
| 12.5 | -7.3076E-07 | 2.6843E-06 | -7.2233E-07 | 2.7933E-06 |
| 12.6 | -5.7894E-07 | 2.4553E-06 | -5.6800E-07 | 2.5530E-06 |
| 12.7 | -4.4849E-07 | 2.2431E-06 | -4.3563E-07 | 2.3306E-06 |
| 12.8 | -3.3685E-07 | 2.0467E-06 | -3.2259E-07 | 2.1251E-06 |
| 12.9 | -2.4178E-07 | 1.8654E-06 | -2.2654E-07 | 1.9354E-06 |
| 13.0 | -1.6125E-07 | 1.6982E-06 | -1.4538E-07 | 1.7607E-06 |
| 13.1 | -9.3450E-08 | 1.5442E-06 | -7.7251E-08 | 1.5999E-06 |
| 13.2 | -3.6783E-08 | 1.4025E-06 | -2.0491E-08 | 1.4522E-06 |
| 13.3 | 1.0184E-08 | 1.2724E-06 | 2.6372E-08 | 1.3166E-06 |
| 13.4 | 4.8717E-08 | 1.1530E-06 | 6.4646E-08 | 1.1923E-06 |
| 13.5 | 7.9943E-08 | 1.0437E-06 | 9.5486E-08 | 1.0785E-06 |
| 13.6 | 1.0486E-07 | 9.4357E-07 | 1.1992E-07 | 9.7443E-07 |
| 13.7 | 1.2434E-07 | 8.5210E-07 | 1.3884E-07 | 8.7941E-07 |
| 13.8 | 1.3916E-07 | 7.6860E-07 | 1.5306E-07 | 7.9272E-07 |
| 13.9 | 1.5001E-07 | 6.9245E-07 | 1.6326E-07 | 7.1374E-07 |
| 14.0 | 1.5749E-07 | 6.2310E-07 | 1.7007E-07 | 6.4186E-07 |
| 14.1 | 1.6212E-07 | 5.6002E-07 | 1.7403E-07 | 5.7651E-07 |
| 14.2 | 1.6436E-07 | 5.0269E-07 | 1.7559E-07 | 5.1718E-07 |
| 14.3 | 1.6462E-07 | 4.5066E-07 | 1.7518E-07 | 4.6335E-07 |
| 14.4 | 1.6324E-07 | 4.0348E-07 | 1.7314E-07 | 4.1459E-07 |
| 14.5 | 1.6053E-07 | 3.6077E-07 | 1.6979E-07 | 3.7046E-07 |
| 14.6 | 1.5675E-07 | 3.2213E-07 | 1.6539E-07 | 3.3057E-07 |
| 14.7 | 1.5213E-07 | 2.8721E-07 | 1.6017E-07 | 2.9455E-07 |
| 14.8 | 1.4686E-07 | 2.5571E-07 | 1.5433E-07 | 2.6207E-07 |
| 14.9 | 1.4110E-07 | 2.2731E-07 | 1.4803E-07 | 2.3281E-07 |
| 15.0 | 1.3501E-07 | 2.0174E-07 | 1.4141E-07 | 2.0648E-07 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|------------|-------------|------------|-------------|
| 15.0 | 1.3501E-07 | 2.0174E-07 | 1.4141E-07 | 2.0648E-07 |
| 15.1 | 1.2869E-07 | 1.7875E-07 | 1.3461E-07 | 1.8282E-07 |
| 15.2 | 1.2224E-07 | 1.5810E-07 | 1.2770E-07 | 1.6159E-07 |
| 15.3 | 1.1576E-07 | 1.3958E-07 | 1.2079E-07 | 1.4255E-07 |
| 15.4 | 1.0932E-07 | 1.2298E-07 | 1.1394E-07 | 1.2551E-07 |
| 15.5 | 1.0295E-07 | 1.0814E-07 | 1.0720E-07 | 1.1027E-07 |
| 15.6 | 9.6726E-08 | 9.4873E-08 | 1.0061E-07 | 9.6663E-08 |
| 15.7 | 9.0668E-08 | 8.3039E-08 | 9.4227E-08 | 8.4533E-08 |
| 15.8 | 8.4808E-08 | 7.2496E-08 | 8.8061E-08 | 7.3733E-08 |
| 15.9 | 7.9167E-08 | 6.3118E-08 | 8.2138E-08 | 6.4132E-08 |
| 16.0 | 7.3762E-08 | 5.4788E-08 | 7.6471E-08 | 5.5610E-08 |
| 16.1 | 6.8602E-08 | 4.7402E-08 | 7.1070E-08 | 4.8059E-08 |
| 16.2 | 6.3694E-08 | 4.0864E-08 | 6.5939E-08 | 4.1380E-08 |
| 16.3 | 5.9041E-08 | 3.5087E-08 | 6.1080E-08 | 3.5483E-08 |
| 16.4 | 5.4641E-08 | 2.9992E-08 | 5.6493E-08 | 3.0286E-08 |
| 16.5 | 5.0494E-08 | 2.5508E-08 | 5.2172E-08 | 2.5716E-08 |
| 16.6 | 4.6594E-08 | 2.1570E-08 | 4.8113E-08 | 2.1706E-08 |
| 16.7 | 4.2934E-08 | 1.8119E-08 | 4.4308E-08 | 1.8195E-08 |
| 16.8 | 3.9508E-08 | 1.5103E-08 | 4.0750E-08 | 1.5128E-08 |
| 16.9 | 3.6308E-08 | 1.2473E-08 | 3.7428E-08 | 1.2458E-08 |
| 17.0 | 3.3323E-08 | 1.0188E-08 | 3.4333E-08 | 1.0139E-08 |
| 17.1 | 3.0545E-08 | 8.2069E-09 | 3.1455E-08 | 8.1321E-09 |
| 17.2 | 2.7964E-08 | 6.4965E-09 | 2.8783E-08 | 6.4010E-09 |
| 17.3 | 2.5570E-08 | 5.0252E-09 | 2.6305E-08 | 4.9138E-09 |
| 17.4 | 2.3353E-08 | 3.7648E-09 | 2.4013E-08 | 3.6416E-09 |
| 17.5 | 2.1303E-08 | 2.6903E-09 | 2.1894E-08 | 2.5588E-09 |
| 17.6 | 1.9410E-08 | 1.7792E-09 | 1.9940E-08 | 1.6422E-09 |
| 17.7 | 1.7665E-08 | 1.0114E-09 | 1.8138E-08 | 8.7150E-10 |
| 17.8 | 1.6058E-08 | 3.6905E-10 | 1.6481E-08 | 2.2820E-10 |
| 17.9 | 1.4580E-08 | -1.6383E-10 | 1.4957E-08 | -3.0398E-10 |
| 18.0 | 1.3223E-08 | -6.0142E-10 | 1.3559E-08 | -7.3952E-10 |
| 18.1 | 1.1979E-08 | -9.5631E-10 | 1.2278E-08 | -1.0913E-09 |
| 18.2 | 1.0839E-08 | -1.2397E-09 | 1.1104E-08 | -1.3707E-09 |
| 18.3 | 9.7957E-09 | -1.4614E-09 | 1.0031E-08 | -1.5878E-09 |
| 18.4 | 8.8426E-09 | -1.6301E-09 | 9.0512E-09 | -1.7516E-09 |
| 18.5 | 7.9727E-09 | -1.7537E-09 | 8.1572E-09 | -1.8697E-09 |
| 18.6 | 7.1796E-09 | -1.8389E-09 | 7.3425E-09 | -1.9493E-09 |
| 18.7 | 6.4575E-09 | -1.8915E-09 | 6.6011E-09 | -1.9962E-09 |
| 18.8 | 5.8007E-09 | -1.9169E-09 | 5.9271E-09 | -2.0158E-09 |
| 18.9 | 5.2040E-09 | -1.9195E-09 | 5.3150E-09 | -2.0127E-09 |
| 19.0 | 4.6625E-09 | -1.9034E-09 | 4.7599E-09 | -1.9910E-09 |
| 19.1 | 4.1717E-09 | -1.8720E-09 | 4.2569E-09 | -1.9541E-09 |
| 19.2 | 3.7274E-09 | -1.8283E-09 | 3.8018E-09 | -1.9050E-09 |
| 19.3 | 3.3257E-09 | -1.7748E-09 | 3.3904E-09 | -1.8464E-09 |
| 19.4 | 2.9628E-09 | -1.7139E-09 | 3.0190E-09 | -1.7805E-09 |
| 19.5 | 2.6354E-09 | -1.6473E-09 | 2.6841E-09 | -1.7092E-09 |
| 19.6 | 2.3404E-09 | -1.5767E-09 | 2.3825E-09 | -1.6341E-09 |
| 19.7 | 2.0749E-09 | -1.5036E-09 | 2.1112E-09 | -1.5567E-09 |
| 19.8 | 1.8363E-09 | -1.4289E-09 | 1.8674E-09 | -1.4780E-09 |
| 19.9 | 1.6221E-09 | -1.3538E-09 | 1.6486E-09 | -1.3991E-09 |
| 20.0 | 1.4300E-09 | -1.2790E-09 | 1.4526E-09 | -1.3207E-09 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | INFINITY | -4.3633E-01 | INFINITY | - INFINITY |
| 0.1 | 2.4248E+00 | -4.3048E-01 | 8.9215E+00 | -4.2683E+00 |
| 0.2 | 1.7462E+00 | -4.1818E-01 | 4.3108E+00 | -2.1690E+00 |
| 0.3 | 1.3610E+00 | -4.0230E-01 | 2.7441E+00 | -1.4688E+00 |
| 0.4 | 1.0978E+00 | -3.8425E-01 | 1.9471E+00 | -1.1154E+00 |
| 0.5 | 9.0266E-01 | -3.6494E-01 | 1.4625E+00 | -8.9953E-01 |
| 0.6 | 7.5103E-01 | -3.4499E-01 | 1.1368E+00 | -7.5197E-01 |
| 0.7 | 6.2974E-01 | -3.2485E-01 | 9.0346E-01 | -6.4333E-01 |
| 0.8 | 5.3079E-01 | -3.0484E-01 | 7.2899E-01 | -5.5906E-01 |
| 0.9 | 4.4892E-01 | -2.8520E-01 | 5.9448E-01 | -4.9118E-01 |
| 1.0 | 3.8050E-01 | -2.6610E-01 | 4.8840E-01 | -4.3494E-01 |
| 1.1 | 3.2288E-01 | -2.4768E-01 | 4.0333E-01 | -3.8733E-01 |
| 1.2 | 2.7408E-01 | -2.3001E-01 | 3.3422E-01 | -3.4637E-01 |
| 1.3 | 2.3257E-01 | -2.1316E-01 | 2.7751E-01 | -3.1069E-01 |
| 1.4 | 1.9716E-01 | -1.9716E-01 | 2.3062E-01 | -2.7931E-01 |
| 1.5 | 1.6687E-01 | -1.8203E-01 | 1.9161E-01 | -2.5151E-01 |
| 1.6 | 1.4093E-01 | -1.6776E-01 | 1.5900E-01 | -2.2673E-01 |
| 1.7 | 1.1869E-01 | -1.5436E-01 | 1.3167E-01 | -2.0454E-01 |
| 1.8 | 9.9615E-02 | -1.4181E-01 | 1.0868E-01 | -1.8461E-01 |
| 1.9 | 8.3251E-02 | -1.3008E-01 | 8.9331E-02 | -1.6666E-01 |
| 2.0 | 6.9219E-02 | -1.1914E-01 | 7.3019E-02 | -1.5046E-01 |
| 2.1 | 5.7198E-02 | -1.0897E-01 | 5.9267E-02 | -1.3581E-01 |
| 2.2 | 4.6912E-02 | -9.9521E-02 | 4.7676E-02 | -1.2256E-01 |
| 2.3 | 3.8125E-02 | -9.0769E-02 | 3.7917E-02 | -1.1055E-01 |
| 2.4 | 3.0632E-02 | -8.2675E-02 | 2.9712E-02 | -9.9676E-02 |
| 2.5 | 2.4260E-02 | -7.5201E-02 | 2.2829E-02 | -8.9816E-02 |
| 2.6 | 1.8856E-02 | -6.8312E-02 | 1.7072E-02 | -8.0879E-02 |
| 2.7 | 1.4288E-02 | -6.1972E-02 | 1.2273E-02 | -7.2779E-02 |
| 2.8 | 1.0444E-02 | -5.6146E-02 | 8.2913E-03 | -6.5439E-02 |
| 2.9 | 7.2236E-03 | -5.0800E-02 | 5.0050E-03 | -5.8789E-02 |
| 3.0 | 4.5410E-03 | -4.5902E-02 | 2.3111E-03 | -5.2767E-02 |
| 3.1 | 2.3214E-03 | -4.1421E-02 | 1.2075E-04 | -4.7317E-02 |
| 3.2 | 4.9956E-04 | -3.7326E-02 | -1.6419E-03 | -4.2386E-02 |
| 3.3 | -9.8121E-04 | -3.3590E-02 | -3.0422E-03 | -3.7929E-02 |
| 3.4 | -2.1702E-03 | -3.0185E-02 | -4.1361E-03 | -3.3902E-02 |
| 3.5 | -3.1104E-03 | -2.7087E-02 | -4.9717E-03 | -3.0268E-02 |
| 3.6 | -3.8389E-03 | -2.4271E-02 | -5.5904E-03 | -2.6989E-02 |
| 3.7 | -4.3883E-03 | -2.1715E-02 | -6.0277E-03 | -2.4034E-02 |
| 3.8 | -4.7865E-03 | -1.9398E-02 | -6.3140E-03 | -2.1373E-02 |
| 3.9 | -5.0579E-03 | -1.7301E-02 | -6.4754E-03 | -1.8980E-02 |
| 4.0 | -5.2235E-03 | -1.5405E-02 | -6.5343E-03 | -1.6829E-02 |
| 4.1 | -5.3015E-03 | -1.3693E-02 | -6.5098E-03 | -1.4897E-02 |
| 4.2 | -5.3075E-03 | -1.2149E-02 | -6.4182E-03 | -1.3165E-02 |
| 4.3 | -5.2550E-03 | -1.0759E-02 | -6.2733E-03 | -1.1614E-02 |
| 4.4 | -5.1556E-03 | -9.5092E-03 | -6.0869E-03 | -1.0225E-02 |
| 4.5 | -5.0190E-03 | -8.3870E-03 | -5.8689E-03 | -8.9846E-03 |
| 4.6 | -4.8538E-03 | -7.3809E-03 | -5.6277E-03 | -7.8771E-03 |
| 4.7 | -4.6669E-03 | -6.4802E-03 | -5.3704E-03 | -6.8898E-03 |
| 4.8 | -4.4645E-03 | -5.6750E-03 | -5.1027E-03 | -6.0110E-03 |
| 4.9 | -4.2516E-03 | -4.9564E-03 | -4.8297E-03 | -5.2299E-03 |
| 5.0 | -4.0324E-03 | -4.3162E-03 | -4.5551E-03 | -4.5367E-03 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | -4.0324E-03 | -4.3162E-03 | -4.5551E-03 | -4.5367E-03 |
| 5.1 | -3.8105E-03 | -3.7467E-03 | -4.2823E-03 | -3.9224E-03 |
| 5.2 | -3.5886E-03 | -3.2410E-03 | -4.0139E-03 | -3.3791E-03 |
| 5.3 | -3.3692E-03 | -2.7929E-03 | -3.7520E-03 | -2.8994E-03 |
| 5.4 | -3.1541E-03 | -2.3965E-03 | -3.4982E-03 | -2.4766E-03 |
| 5.5 | -2.9449E-03 | -2.0466E-03 | -3.2536E-03 | -2.1047E-03 |
| 5.6 | -2.7426E-03 | -1.7385E-03 | -3.0193E-03 | -1.7784E-03 |
| 5.7 | -2.5482E-03 | -1.4677E-03 | -2.7958E-03 | -1.4927E-03 |
| 5.8 | -2.3622E-03 | -1.2303E-03 | -2.5835E-03 | -1.2432E-03 |
| 5.9 | -2.1851E-03 | -1.0228E-03 | -2.3825E-03 | -1.0259E-03 |
| 6.0 | -2.0171E-03 | -8.4196E-04 | -2.1931E-03 | -8.3723E-04 |
| 6.1 | -1.8584E-03 | -6.8478E-04 | -2.0149E-03 | -6.7390E-04 |
| 6.2 | -1.7088E-03 | -5.4866E-04 | -1.8479E-03 | -5.3302E-04 |
| 6.3 | -1.5684E-03 | -4.3122E-04 | -1.6918E-03 | -4.1199E-04 |
| 6.4 | -1.4369E-03 | -3.3031E-04 | -1.5463E-03 | -3.0847E-04 |
| 6.5 | -1.3141E-03 | -2.4400E-04 | -1.4108E-03 | -2.2037E-04 |
| 6.6 | -1.1997E-03 | -1.7057E-04 | -1.2851E-03 | -1.4580E-04 |
| 6.7 | -1.0934E-03 | -1.0846E-04 | -1.1687E-03 | -8.3103E-05 |
| 6.8 | -9.9476E-04 | -5.6282E-05 | -1.0611E-03 | -3.0778E-05 |
| 6.9 | -9.0351E-04 | -1.2801E-05 | -9.6179E-04 | 1.2502E-05 |
| 7.0 | -8.1924E-04 | 2.3094E-05 | -8.7036E-04 | 4.7919E-05 |
| 7.1 | -7.4157E-04 | 5.2389E-05 | -7.8632E-04 | 7.6521E-05 |
| 7.2 | -6.7012E-04 | 7.5961E-05 | -7.0921E-04 | 9.9239E-05 |
| 7.3 | -6.0451E-04 | 9.4590E-05 | -6.3858E-04 | 1.1689E-04 |
| 7.4 | -5.4437E-04 | 1.0896E-04 | -5.7400E-04 | 1.3021E-04 |
| 7.5 | -4.8934E-04 | 1.1969E-04 | -5.1505E-04 | 1.3984E-04 |
| 7.6 | -4.3907E-04 | 1.2732E-04 | -4.6132E-04 | 1.4632E-04 |
| 7.7 | -3.9324E-04 | 1.3231E-04 | -4.1243E-04 | 1.5017E-04 |
| 7.8 | -3.5152E-04 | 1.3509E-04 | -3.6803E-04 | 1.5181E-04 |
| 7.9 | -3.1360E-04 | 1.3601E-04 | -3.2775E-04 | 1.5162E-04 |
| 8.0 | -2.7920E-04 | 1.3541E-04 | -2.9128E-04 | 1.4993E-04 |
| 8.1 | -2.4804E-04 | 1.3354E-04 | -2.5832E-04 | 1.4702E-04 |
| 8.2 | -2.1987E-04 | 1.3067E-04 | -2.2856E-04 | 1.4313E-04 |
| 8.3 | -1.9444E-04 | 1.2698E-04 | -2.0176E-04 | 1.3849E-04 |
| 8.4 | -1.7152E-04 | 1.2267E-04 | -1.7764E-04 | 1.3327E-04 |
| 8.5 | -1.5090E-04 | 1.1789E-04 | -1.5599E-04 | 1.2763E-04 |
| 8.6 | -1.3239E-04 | 1.1276E-04 | -1.3659E-04 | 1.2169E-04 |
| 8.7 | -1.1580E-04 | 1.0741E-04 | -1.1922E-04 | 1.1558E-04 |
| 8.8 | -1.0096E-04 | 1.0192E-04 | -1.0372E-04 | 1.0938E-04 |
| 8.9 | -8.7703E-05 | 9.6374E-05 | -8.9898E-05 | 1.0318E-04 |
| 9.0 | -7.5893E-05 | 9.0837E-05 | -7.7605E-05 | 9.7027E-05 |
| 9.1 | -6.5392E-05 | 8.5362E-05 | -6.6693E-05 | 9.0986E-05 |
| 9.2 | -5.6074E-05 | 7.9995E-05 | -5.7028E-05 | 8.5094E-05 |
| 9.3 | -4.7826E-05 | 7.4769E-05 | -4.8488E-05 | 7.9385E-05 |
| 9.4 | -4.0542E-05 | 6.9712E-05 | -4.0961E-05 | 7.3884E-05 |
| 9.5 | -3.4126E-05 | 6.4844E-05 | -3.4343E-05 | 6.8609E-05 |
| 9.6 | -2.8490E-05 | 6.0182E-05 | -2.8541E-05 | 6.3574E-05 |
| 9.7 | -2.3553E-05 | 5.5736E-05 | -2.3470E-05 | 5.8786E-05 |
| 9.8 | -1.9243E-05 | 5.1512E-05 | -1.9053E-05 | 5.4251E-05 |
| 9.9 | -1.5493E-05 | 4.7513E-05 | -1.5217E-05 | 4.9968E-05 |
| 10.0 | -1.2242E-05 | 4.3741E-05 | -1.1901E-05 | 4.5937E-05 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | -1.2242E-05 | 4.3741E-05 | -1.1901E-05 | 4.5937E-05 |
| 10.1 | -9.4357E-06 | 4.0192E-05 | -9.0447E-06 | 4.2154E-05 |
| 10.2 | -7.0240E-06 | 3.6863E-05 | -6.5974E-06 | 3.8613E-05 |
| 10.3 | -4.9619E-06 | 3.3748E-05 | -4.5115E-06 | 3.5306E-05 |
| 10.4 | -3.2092E-06 | 3.0842E-05 | -2.7445E-06 | 3.2227E-05 |
| 10.5 | -1.7290E-06 | 2.8136E-05 | -1.2581E-06 | 2.9364E-05 |
| 10.6 | -4.8875E-07 | 2.5623E-05 | -1.8101E-08 | 2.6710E-05 |
| 10.7 | 5.4117E-07 | 2.3293E-05 | 1.0063E-06 | 2.4254E-05 |
| 10.8 | 1.3872E-06 | 2.1139E-05 | 1.8425E-06 | 2.1985E-05 |
| 10.9 | 2.0729E-06 | 1.9149E-05 | 2.5151E-06 | 1.9894E-05 |
| 11.0 | 2.6195E-06 | 1.7317E-05 | 3.0460E-06 | 1.7971E-05 |
| 11.1 | 3.0456E-06 | 1.5632E-05 | 3.4547E-06 | 1.6204E-05 |
| 11.2 | 3.3681E-06 | 1.4085E-05 | 3.7584E-06 | 1.4585E-05 |
| 11.3 | 3.6018E-06 | 1.2667E-05 | 3.9724E-06 | 1.3103E-05 |
| 11.4 | 3.7597E-06 | 1.1371E-05 | 4.1101E-06 | 1.1749E-05 |
| 11.5 | 3.8535E-06 | 1.0188E-05 | 4.1836E-06 | 1.0515E-05 |
| 11.6 | 3.8933E-06 | 9.1089E-06 | 4.2032E-06 | 9.3911E-06 |
| 11.7 | 3.8882E-06 | 8.1276E-06 | 4.1782E-06 | 8.3700E-06 |
| 11.8 | 3.8459E-06 | 7.2363E-06 | 4.1165E-06 | 7.4437E-06 |
| 11.9 | 3.7733E-06 | 6.4282E-06 | 4.0251E-06 | 6.6047E-06 |
| 12.0 | 3.6764E-06 | 5.6968E-06 | 3.9101E-06 | 5.8463E-06 |
| 12.1 | 3.5603E-06 | 5.0360E-06 | 3.7767E-06 | 5.1619E-06 |
| 12.2 | 3.4295E-06 | 4.4401E-06 | 3.6294E-06 | 4.5453E-06 |
| 12.3 | 3.2878E-06 | 3.9036E-06 | 3.4720E-06 | 3.9908E-06 |
| 12.4 | 3.1385E-06 | 3.4216E-06 | 3.3079E-06 | 3.4932E-06 |
| 12.5 | 2.9843E-06 | 2.9893E-06 | 3.1399E-06 | 3.0474E-06 |
| 12.6 | 2.8276E-06 | 2.6024E-06 | 2.9701E-06 | 2.6489E-06 |
| 12.7 | 2.6704E-06 | 2.2568E-06 | 2.8007E-06 | 2.2933E-06 |
| 12.8 | 2.5143E-06 | 1.9488E-06 | 2.6332E-06 | 1.9767E-06 |
| 12.9 | 2.3606E-06 | 1.6748E-06 | 2.4689E-06 | 1.6955E-06 |
| 13.0 | 2.2104E-06 | 1.4318E-06 | 2.3089E-06 | 1.4462E-06 |
| 13.1 | 2.0645E-06 | 1.2166E-06 | 2.1540E-06 | 1.2259E-06 |
| 13.2 | 1.9237E-06 | 1.0266E-06 | 2.0048E-06 | 1.0316E-06 |
| 13.3 | 1.7885E-06 | 8.5935E-07 | 1.8619E-06 | 8.6073E-07 |
| 13.4 | 1.6591E-06 | 7.1250E-07 | 1.7254E-06 | 7.1094E-07 |
| 13.5 | 1.5359E-06 | 5.8399E-07 | 1.5956E-06 | 5.8004E-07 |
| 13.6 | 1.4189E-06 | 4.7189E-07 | 1.4727E-06 | 4.6604E-07 |
| 13.7 | 1.3083E-06 | 3.7448E-07 | 1.3567E-06 | 3.6714E-07 |
| 13.8 | 1.2040E-06 | 2.9017E-07 | 1.2474E-06 | 2.8170E-07 |
| 13.9 | 1.1060E-06 | 2.1753E-07 | 1.1448E-06 | 2.0822E-07 |
| 14.0 | 1.0141E-06 | 1.5525E-07 | 1.0488E-06 | 1.4536E-07 |
| 14.1 | 9.2813E-07 | 1.0216E-07 | 9.5908E-07 | 9.1903E-08 |
| 14.2 | 8.4794E-07 | 5.7189E-08 | 8.7550E-07 | 4.6744E-08 |
| 14.3 | 7.7331E-07 | 1.9381E-08 | 7.9780E-07 | 8.8942E-09 |
| 14.4 | 7.0400E-07 | -1.2129E-08 | 7.2572E-07 | -2.2538E-08 |
| 14.5 | 6.3978E-07 | -3.8119E-08 | 6.5899E-07 | -4.8351E-08 |
| 14.6 | 5.8038E-07 | -5.9285E-08 | 5.9735E-07 | -6.9263E-08 |
| 14.7 | 5.2556E-07 | -7.6251E-08 | 5.4051E-07 | -8.5914E-08 |
| 14.8 | 4.7506E-07 | -8.9573E-08 | 4.8820E-07 | -9.8875E-08 |
| 14.9 | 4.2863E-07 | -9.9749E-08 | 4.4014E-07 | -1.0866E-07 |
| 15.0 | 3.8602E-07 | -1.0722E-07 | 3.9607E-07 | -1.1571E-07 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | 3.8602E-07 | -1.0722E-07 | 3.9607E-07 | -1.1571E-07 |
| 15.1 | 3.4698E-07 | -1.1238E-07 | 3.5574E-07 | -1.2043E-07 |
| 15.2 | 3.1128E-07 | -1.1557E-07 | 3.1889E-07 | -1.2318E-07 |
| 15.3 | 2.7869E-07 | -1.1710E-07 | 2.8528E-07 | -1.2427E-07 |
| 15.4 | 2.4899E-07 | -1.1724E-07 | 2.5467E-07 | -1.2397E-07 |
| 15.5 | 2.2198E-07 | -1.1623E-07 | 2.2685E-07 | -1.2253E-07 |
| 15.6 | 1.9745E-07 | -1.1427E-07 | 2.0162E-07 | -1.2015E-07 |
| 15.7 | 1.7522E-07 | -1.1154E-07 | 1.7876E-07 | -1.1702E-07 |
| 15.8 | 1.5510E-07 | -1.0821E-07 | 1.5809E-07 | -1.1330E-07 |
| 15.9 | 1.3693E-07 | -1.0441E-07 | 1.3944E-07 | -1.0913E-07 |
| 16.0 | 1.2055E-07 | -1.0026E-07 | 1.2264E-07 | -1.0461E-07 |
| 16.1 | 1.0581E-07 | -9.5845E-08 | 1.0753E-07 | -9.9867E-08 |
| 16.2 | 9.2572E-08 | -9.1268E-08 | 9.3975E-08 | -9.4970E-08 |
| 16.3 | 8.0707E-08 | -8.6596E-08 | 8.1834E-08 | -8.9998E-08 |
| 16.4 | 7.0094E-08 | -8.1891E-08 | 7.0982E-08 | -8.5010E-08 |
| 16.5 | 6.0620E-08 | -7.7202E-08 | 6.1304E-08 | -8.0057E-08 |
| 16.6 | 5.2181E-08 | -7.2574E-08 | 5.2691E-08 | -7.5182E-08 |
| 16.7 | 4.4683E-08 | -6.8039E-08 | 4.5044E-08 | -7.0417E-08 |
| 16.8 | 3.8037E-08 | -6.3625E-08 | 3.8272E-08 | -6.5790E-08 |
| 16.9 | 3.2159E-08 | -5.9355E-08 | 3.2289E-08 | -6.1322E-08 |
| 17.0 | 2.6977E-08 | -5.5244E-08 | 2.7019E-08 | -5.7028E-08 |
| 17.1 | 2.2420E-08 | -5.1305E-08 | 2.2389E-08 | -5.2921E-08 |
| 17.2 | 1.8425E-08 | -4.7546E-08 | 1.8336E-08 | -4.9007E-08 |
| 17.3 | 1.4935E-08 | -4.3973E-08 | 1.4799E-08 | -4.5291E-08 |
| 17.4 | 1.1898E-08 | -4.0588E-08 | 1.1724E-08 | -4.1775E-08 |
| 17.5 | 9.2640E-09 | -3.7391E-08 | 9.0610E-09 | -3.8459E-08 |
| 17.6 | 6.9907E-09 | -3.4382E-08 | 6.7661E-09 | -3.5340E-08 |
| 17.7 | 5.0379E-09 | -3.1556E-08 | 4.7979E-09 | -3.2415E-08 |
| 17.8 | 3.3698E-09 | -2.8910E-08 | 3.1197E-09 | -2.9678E-08 |
| 17.9 | 1.9537E-09 | -2.6438E-08 | 1.6979E-09 | -2.7124E-08 |
| 18.0 | 7.6011E-10 | -2.4135E-08 | 5.0241E-10 | -2.4745E-08 |
| 18.1 | -2.3738E-10 | -2.1993E-08 | -4.9401E-10 | -2.2536E-08 |
| 18.2 | -1.0627E-09 | -2.0006E-08 | -1.3158E-09 | -2.0487E-08 |
| 18.3 | -1.7373E-09 | -1.8166E-08 | -1.9848E-09 | -1.8592E-08 |
| 18.4 | -2.2804E-09 | -1.6466E-08 | -2.5208E-09 | -1.6842E-08 |
| 18.5 | -2.7093E-09 | -1.4898E-08 | -2.9413E-09 | -1.5229E-08 |
| 18.6 | -3.0393E-09 | -1.3454E-08 | -3.2620E-09 | -1.3745E-08 |
| 18.7 | -3.2841E-09 | -1.2128E-08 | -3.4969E-09 | -1.2383E-08 |
| 18.8 | -3.4559E-09 | -1.0912E-08 | -3.6583E-09 | -1.1134E-08 |
| 18.9 | -3.5655E-09 | -9.7982E-09 | -3.7573E-09 | -9.9920E-09 |
| 19.0 | -3.6224E-09 | -8.7807E-09 | -3.8035E-09 | -8.9488E-09 |
| 19.1 | -3.6351E-09 | -7.8525E-09 | -3.8055E-09 | -7.9977E-09 |
| 19.2 | -3.6109E-09 | -7.0072E-09 | -3.7708E-09 | -7.1323E-09 |
| 19.3 | -3.5565E-09 | -6.2390E-09 | -3.7060E-09 | -6.3460E-09 |
| 19.4 | -3.4773E-09 | -5.5418E-09 | -3.6169E-09 | -5.6331E-09 |
| 19.5 | -3.3785E-09 | -4.9104E-09 | -3.5084E-09 | -4.9877E-09 |
| 19.6 | -3.2643E-09 | -4.3395E-09 | -3.3849E-09 | -4.4046E-09 |
| 19.7 | -3.1384E-09 | -3.8244E-09 | -3.2501E-09 | -3.8786E-09 |
| 19.8 | -3.0040E-09 | -3.3603E-09 | -3.1073E-09 | -3.4052E-09 |
| 19.9 | -2.8638E-09 | -2.9431E-09 | -2.9591E-09 | -2.9798E-09 |
| | -2.7202E-09 | -2.5688E-09 | -2.8079E-09 | -2.5984E-09 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | INFINITY | -5.2360E-01 | INFINITY | - INFINITY |
| 0.1 | 2.4239E+00 | -5.1685E-01 | 8.5208E+00 | -5.0505E+00 |
| 0.2 | 1.7435E+00 | -5.0254E-01 | 4.1110E+00 | -2.5674E+00 |
| 0.3 | 1.3561E+00 | -4.8394E-01 | 2.6102E+00 | -1.7395E+00 |
| 0.4 | 1.0907E+00 | -4.6269E-01 | 1.8453E+00 | -1.3217E+00 |
| 0.5 | 8.9325E-01 | -4.3983E-01 | 1.3792E+00 | -1.0665E+00 |
| 0.6 | 7.3949E-01 | -4.1610E-01 | 1.0654E+00 | -8.9197E-01 |
| 0.7 | 6.1623E-01 | -3.9203E-01 | 8.4023E-01 | -7.6338E-01 |
| 0.8 | 5.1552E-01 | -3.6801E-01 | 6.7168E-01 | -6.6352E-01 |
| 0.9 | 4.3212E-01 | -3.4435E-01 | 5.4166E-01 | -5.8296E-01 |
| 1.0 | 3.6239E-01 | -3.2127E-01 | 4.3915E-01 | -5.1610E-01 |
| 1.1 | 3.0369E-01 | -2.9892E-01 | 3.5701E-01 | -4.5940E-01 |
| 1.2 | 2.5404E-01 | -2.7743E-01 | 2.9040E-01 | -4.1053E-01 |
| 1.3 | 2.1189E-01 | -2.5688E-01 | 2.3590E-01 | -3.6788E-01 |
| 1.4 | 1.7603E-01 | -2.3732E-01 | 1.9101E-01 | -3.3030E-01 |
| 1.5 | 1.4548E-01 | -2.1878E-01 | 1.5385E-01 | -2.9695E-01 |
| 1.6 | 1.1944E-01 | -2.0127E-01 | 1.2300E-01 | -2.6718E-01 |
| 1.7 | 9.7256E-02 | -1.8480E-01 | 9.7334E-02 | -2.4049E-01 |
| 1.8 | 7.8367E-02 | -1.6935E-01 | 7.5962E-02 | -2.1648E-01 |
| 1.9 | 6.2308E-02 | -1.5489E-01 | 5.8172E-02 | -1.9484E-01 |
| 2.0 | 4.8685E-02 | -1.4140E-01 | 4.3383E-02 | -1.7530E-01 |
| 2.1 | 3.7161E-02 | -1.2885E-01 | 3.1117E-02 | -1.5762E-01 |
| 2.2 | 2.7444E-02 | -1.1720E-01 | 2.0977E-02 | -1.4162E-01 |
| 2.3 | 1.9288E-02 | -1.0641E-01 | 1.2635E-02 | -1.2714E-01 |
| 2.4 | 1.2476E-02 | -9.6431E-02 | 5.8124E-03 | -1.1402E-01 |
| 2.5 | 6.8214E-03 | -8.7227E-02 | 2.7526E-04 | -1.0214E-01 |
| 2.6 | 2.1637E-03 | -7.8753E-02 | -4.1745E-03 | -9.1387E-02 |
| 2.7 | -1.6378E-03 | -7.0967E-02 | -7.7054E-03 | -8.1655E-02 |
| 2.8 | -4.7051E-03 | -6.3826E-02 | -1.0461E-02 | -7.2854E-02 |
| 2.9 | -7.1443E-03 | -5.7288E-02 | -1.2564E-02 | -6.4900E-02 |
| 3.0 | -9.0476E-03 | -5.1315E-02 | -1.4118E-02 | -5.7717E-02 |
| 3.1 | -1.0496E-02 | -4.5867E-02 | -1.5214E-02 | -5.1237E-02 |
| 3.2 | -1.1558E-02 | -4.0907E-02 | -1.5929E-02 | -4.5397E-02 |
| 3.3 | -1.2295E-02 | -3.6400E-02 | -1.6328E-02 | -4.0140E-02 |
| 3.4 | -1.2760E-02 | -3.2311E-02 | -1.6467E-02 | -3.5414E-02 |
| 3.5 | -1.2998E-02 | -2.8609E-02 | -1.6395E-02 | -3.1170E-02 |
| 3.6 | -1.3050E-02 | -2.5263E-02 | -1.6152E-02 | -2.7364E-02 |
| 3.7 | -1.2948E-02 | -2.2245E-02 | -1.5774E-02 | -2.3956E-02 |
| 3.8 | -1.2722E-02 | -1.9527E-02 | -1.5291E-02 | -2.0909E-02 |
| 3.9 | -1.2398E-02 | -1.7086E-02 | -1.4726E-02 | -1.8190E-02 |
| 4.0 | -1.1997E-02 | -1.4896E-02 | -1.4103E-02 | -1.5768E-02 |
| 4.1 | -1.1538E-02 | -1.2937E-02 | -1.3438E-02 | -1.3613E-02 |
| 4.2 | -1.1036E-02 | -1.1188E-02 | -1.2747E-02 | -1.1701E-02 |
| 4.3 | -1.0504E-02 | -9.6300E-03 | -1.2043E-02 | -1.0007E-02 |
| 4.4 | -9.9537E-03 | -8.2451E-03 | -1.1334E-02 | -8.5100E-03 |
| 4.5 | -9.3945E-03 | -7.0174E-03 | -1.0630E-02 | -7.1903E-03 |
| 4.6 | -8.8338E-03 | -5.9319E-03 | -9.9383E-03 | -6.0298E-03 |
| 4.7 | -8.2780E-03 | -4.9748E-03 | -9.2630E-03 | -5.0121E-03 |
| 4.8 | -7.7322E-03 | -4.1334E-03 | -8.6090E-03 | -4.1223E-03 |
| 4.9 | -7.2003E-03 | -3.3962E-03 | -7.9793E-03 | -3.3469E-03 |
| 5.0 | -6.6857E-03 | -2.7524E-03 | -7.3765E-03 | -2.6735E-03 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|--------------|-------------|
| 5.0 | -6.6857E-03 | -2.7524E-03 | -7.3765E-03 | -2.6735E-03 |
| 5.1 | -6.1907E-03 | -2.1924E-03 | -6.8020E-03 | -2.0911E-03 |
| 5.2 | -5.7172E-03 | -1.7072E-03 | -6.2569E-03 | -1.5895E-03 |
| 5.3 | -5.2663E-03 | -1.2888E-03 | -5.7419E-03 | -1.1597E-03 |
| 5.4 | -4.8388E-03 | -9.2981E-04 | -5.2570E-03 | -7.9331E-04 |
| 5.5 | -4.4352E-03 | -6.2357E-04 | -4.8019E-03 | -4.8302E-04 |
| 5.6 | -4.0554E-03 | -3.6404E-04 | -4.3763E-03 | -2.2211E-04 |
| 5.7 | -3.6993E-03 | -1.4574E-04 | -3.9794E-03 | -4.5981E-06 |
| 5.8 | -3.3664E-03 | 3.6257E-05 | -3.6102E-03 | 1.7492E-04 |
| 5.9 | -3.0563E-03 | 1.8639E-04 | -3.2678E-03 | 3.2125E-04 |
| 6.0 | -2.7680E-03 | 3.0865E-04 | -2.9510E-03 | 4.3872E-04 |
| 6.1 | -2.5010E-03 | 4.0663E-04 | -2.6587E-03 | 5.3118E-04 |
| 6.2 | -2.2541E-03 | 4.8353E-04 | -2.3896E-03 | 6.0205E-04 |
| 6.3 | -2.0265E-03 | 5.4222E-04 | -2.1424E-03 | 6.5438E-04 |
| 6.4 | -1.8172E-03 | 5.8524E-04 | -1.9160E-03 | 6.9086E-04 |
| 6.5 | -1.6253E-03 | 6.1486E-04 | -1.7089E-03 | 7.1389E-04 |
| 6.6 | -1.4495E-03 | 6.3311E-04 | -1.5200E-03 | 7.2558E-04 |
| 6.7 | -1.2891E-03 | 6.4174E-04 | -1.3480E-03 | 7.2778E-04 |
| 6.8 | -1.1429E-03 | 6.4234E-04 | -1.1919E-03 | 7.2212E-04 |
| 6.9 | -1.0101E-03 | 6.3629E-04 | -1.0504E-03 | 7.1002E-04 |
| 7.0 | -8.8971E-04 | 6.2478E-04 | -9.2251E-04 | 6.9273E-04 |
| 7.1 | -7.8078E-04 | 6.0888E-04 | -8.0714E-04 | 6.7132E-04 |
| 7.2 | -6.8249E-04 | 5.8950E-04 | -7.0333E-04 | 6.4672E-04 |
| 7.3 | -5.9402E-04 | 5.6744E-04 | -6.1014E-04 | 6.1975E-04 |
| 7.4 | -5.1459E-04 | 5.4339E-04 | -5.2669E-04 | 5.9107E-04 |
| 7.5 | -4.4345E-04 | 5.1792E-04 | -4.5217E-04 | 5.6129E-04 |
| 7.6 | -3.7991E-04 | 4.9154E-04 | -3.8579E-04 | 5.3090E-04 |
| 7.7 | -3.2333E-04 | 4.6467E-04 | -3.2683E-04 | 5.0030E-04 |
| 7.8 | -2.7308E-04 | 4.3767E-04 | -2.7461E-04 | 4.6986E-04 |
| 7.9 | -2.2859E-04 | 4.1084E-04 | -2.2852E-04 | 4.3984E-04 |
| 8.0 | -1.8934E-04 | 3.8442E-04 | -1.8797E-04 | 4.1049E-04 |
| 8.1 | -1.5483E-04 | 3.5860E-04 | -1.5241E-04 | 3.8198E-04 |
| 8.2 | -1.2460E-04 | 3.3354E-04 | -1.2137E-04 | 3.5447E-04 |
| 8.3 | -9.8225E-05 | 3.0937E-04 | -9.4371E-05 | 3.2806E-04 |
| 8.4 | -7.5322E-05 | 2.8618E-04 | -7.1008E-05 | 3.0283E-04 |
| 8.5 | -5.5529E-05 | 2.6404E-04 | -5.0894E-05 | 2.7883E-04 |
| 8.6 | -3.8519E-05 | 2.4299E-04 | -3.3677E-05 | 2.5609E-04 |
| 8.7 | -2.3991E-05 | 2.2306E-04 | -1.9038E-05 | 2.3464E-04 |
| 8.8 | -1.1671E-05 | 2.0425E-04 | -6.6860E-06 | 2.1446E-04 |
| 8.9 | -1.3077E-06 | 1.8658E-04 | , 3.6444E-06 | 1.9555E-04 |
| 9.0 | 7.3248E-06 | 1.7001E-04 | 1.2192E-05 | 1.7787E-04 |
| 9.1 | 1.4433E-05 | 1.5454E-04 | 1.9175E-05 | 1.6140E-04 |
| 9.2 | 2.0203E-05 | 1.4013E-04 | 2.4787E-05 | 1.4610E-04 |
| 9.3 | 2.4803E-05 | 1.2675E-04 | 2.9205E-05 | 1.3192E-04 |
| 9.4 | 2.8384E-05 | 1.1435E-04 | 3.2588E-05 | 1.1881E-04 |
| 9.5 | 3.1082E-05 | 1.0289E-04 | 3.5075E-05 | 1.0673E-04 |
| 9.6 | 3.3020E-05 | 9.2339E-05 | 3.6795E-05 | 9.5617E-05 |
| 9.7 | 3.4305E-05 | 8.2637E-05 | 3.7859E-05 | 8.5423E-05 |
| 9.8 | 3.5035E-05 | 7.3742E-05 | 3.8367E-05 | 7.6094E-05 |
| 9.9 | 3.5296E-05 | 6.5605E-05 | 3.8409E-05 | 6.7577E-05 |
| 10.0 | 3.5164E-05 | 5.8181E-05 | 3.8063E-05 | 5.9819E-05 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|------------|-------------|------------|-------------|
| 10.0 | 3.5164E-05 | 5.8181E-05 | 3.8063E-05 | 5.9819E-05 |
| 10.1 | 3.4706E-05 | 5.1423E-05 | 3.7397E-05 | 5.2770E-05 |
| 10.2 | 3.3982E-05 | 4.5286E-05 | 3.6472E-05 | 4.6381E-05 |
| 10.3 | 3.3043E-05 | 3.9728E-05 | 3.5341E-05 | 4.0603E-05 |
| 10.4 | 3.1935E-05 | 3.4706E-05 | 3.4050E-05 | 3.5392E-05 |
| 10.5 | 3.0697E-05 | 3.0180E-05 | 3.2638E-05 | 3.0704E-05 |
| 10.6 | 2.9363E-05 | 2.6111E-05 | 3.1140E-05 | 2.6497E-05 |
| 10.7 | 2.7962E-05 | 2.2465E-05 | 2.9585E-05 | 2.2732E-05 |
| 10.8 | 2.6520E-05 | 1.9205E-05 | 2.7998E-05 | 1.9373E-05 |
| 10.9 | 2.5057E-05 | 1.6299E-05 | 2.6400E-05 | 1.6384E-05 |
| 11.0 | 2.3591E-05 | 1.3717E-05 | 2.4808E-05 | 1.3733E-05 |
| 11.1 | 2.2138E-05 | 1.1430E-05 | 2.3239E-05 | 1.1389E-05 |
| 11.2 | 2.0709E-05 | 9.4118E-06 | 2.1702E-05 | 9.3250E-06 |
| 11.3 | 1.9314E-05 | 7.6368E-06 | 2.0208E-05 | 7.5134E-06 |
| 11.4 | 1.7962E-05 | 6.0822E-06 | 1.8765E-05 | 5.9300E-06 |
| 11.5 | 1.6659E-05 | 4.7264E-06 | 1.7378E-05 | 4.5524E-06 |
| 11.6 | 1.5409E-05 | 3.5496E-06 | 1.6051E-05 | 3.3597E-06 |
| 11.7 | 1.4216E-05 | 2.5335E-06 | 1.4788E-05 | 2.3326E-06 |
| 11.8 | 1.3082E-05 | 1.6614E-06 | 1.3590E-05 | 1.4538E-06 |
| 11.9 | 1.2008E-05 | 9.1785E-07 | 1.2458E-05 | 7.0696E-07 |
| 12.0 | 1.0994E-05 | 2.8870E-07 | 1.1392E-05 | 7.7488E-08 |
| 12.1 | 1.0042E-05 | -2.3890E-07 | 1.0392E-05 | -4.4804E-07 |
| 12.2 | 9.1493E-06 | -6.7666E-07 | 9.4569E-06 | -8.8179E-07 |
| 12.3 | 8.3154E-06 | -1.0352E-06 | 8.5843E-06 | -1.2348E-06 |
| 12.4 | 7.5384E-06 | -1.3243E-06 | 7.7728E-06 | -1.5171E-06 |
| 12.5 | 6.8167E-06 | -1.5525E-06 | 7.0201E-06 | -1.7377E-06 |
| 12.6 | 6.1480E-06 | -1.7278E-06 | 6.3237E-06 | -1.9046E-06 |
| 12.7 | 5.5301E-06 | -1.8572E-06 | 5.6812E-06 | -2.0253E-06 |
| 12.8 | 4.9607E-06 | -1.9471E-06 | 5.0898E-06 | -2.1061E-06 |
| 12.9 | 4.4371E-06 | -2.0032E-06 | 4.5468E-06 | -2.1530E-06 |
| 13.0 | 3.9570E-06 | -2.0305E-06 | 4.0495E-06 | -2.1711E-06 |
| 13.1 | 3.5178E-06 | -2.0335E-06 | 3.5952E-06 | -2.1651E-06 |
| 13.2 | 3.1170E-06 | -2.0162E-06 | 3.1811E-06 | -2.1389E-06 |
| 13.3 | 2.7521E-06 | -1.9822E-06 | 2.8046E-06 | -2.0963E-06 |
| 13.4 | 2.4208E-06 | -1.9346E-06 | 2.4632E-06 | -2.0403E-06 |
| 13.5 | 2.1207E-06 | -1.8760E-06 | 2.1543E-06 | -1.9737E-06 |
| 13.6 | 1.8496E-06 | -1.8089E-06 | 1.8755E-06 | -1.8989E-06 |
| 13.7 | 1.6052E-06 | -1.7353E-06 | 1.6247E-06 | -1.8180E-06 |
| 13.8 | 1.3857E-06 | -1.6570E-06 | 1.3996E-06 | -1.7329E-06 |
| 13.9 | 1.1889E-06 | -1.5756E-06 | 1.1980E-06 | -1.6449E-06 |
| 14.0 | 1.0131E-06 | -1.4923E-06 | 1.0182E-06 | -1.5556E-06 |
| 14.1 | 8.5642E-07 | -1.4083E-06 | 8.5819E-07 | -1.4659E-06 |
| 14.2 | 7.1731E-07 | -1.3245E-06 | 7.1630E-07 | -1.3768E-06 |
| 14.3 | 5.9418E-07 | -1.2417E-06 | 5.9089E-07 | -1.2890E-06 |
| 14.4 | 4.8559E-07 | -1.1605E-06 | 4.8046E-07 | -1.2033E-06 |
| 14.5 | 3.9020E-07 | -1.0815E-06 | 3.8360E-07 | -1.1200E-06 |
| 14.6 | 3.0674E-07 | -1.0050E-06 | 2.9902E-07 | -1.0397E-06 |
| 14.7 | 2.3407E-07 | -9.3143E-07 | 2.2549E-07 | -9.6247E-07 |
| 14.8 | 1.7110E-07 | -8.6094E-07 | 1.6191E-07 | -8.8870E-07 |
| 14.9 | 1.1684E-07 | -7.9374E-07 | 1.0724E-07 | -8.1849E-07 |
| 15.0 | 7.0382E-08 | -7.2993E-07 | 6.0555E-08 | -7.5194E-07 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | 7.0382E-08 | -7.2993E-07 | 6.0555E-08 | -7.5194E-07 |
| 15.1 | 3.0890E-08 | -6.6957E-07 | 2.0977E-08 | -6.8908E-07 |
| 15.2 | -2.4036E-09 | -6.1267E-07 | -1.2281E-08 | -6.2992E-07 |
| 15.3 | -3.0198E-08 | -5.5922E-07 | -3.9941E-08 | -5.7442E-07 |
| 15.4 | -5.3130E-08 | -5.0916E-07 | -6.2659E-08 | -5.2251E-07 |
| 15.5 | -7.1779E-08 | -4.6243E-07 | -8.1030E-08 | -4.7410E-07 |
| 15.6 | -8.6671E-08 | -4.1891E-07 | -9.5594E-08 | -4.2908E-07 |
| 15.7 | -9.8280E-08 | -3.7851E-07 | -1.0684E-07 | -3.8733E-07 |
| 15.8 | -1.0703E-07 | -3.4110E-07 | -1.1520E-07 | -3.4871E-07 |
| 15.9 | -1.1332E-07 | -3.0655E-07 | -1.2107E-07 | -3.1308E-07 |
| 16.0 | -1.1748E-07 | -2.7472E-07 | -1.2482E-07 | -2.8029E-07 |
| 16.1 | -1.1983E-07 | -2.4547E-07 | -1.2674E-07 | -2.5020E-07 |
| 16.2 | -1.2064E-07 | -2.1866E-07 | -1.2712E-07 | -2.2264E-07 |
| 16.3 | -1.2015E-07 | -1.9415E-07 | -1.2622E-07 | -1.9746E-07 |
| 16.4 | -1.1859E-07 | -1.7179E-07 | -1.2425E-07 | -1.7452E-07 |
| 16.5 | -1.1614E-07 | -1.5145E-07 | -1.2140E-07 | -1.5367E-07 |
| 16.6 | -1.1298E-07 | -1.3299E-07 | -1.1786E-07 | -1.3477E-07 |
| 16.7 | -1.0925E-07 | -1.1628E-07 | -1.1376E-07 | -1.1767E-07 |
| 16.8 | -1.0508E-07 | -1.0119E-07 | -1.0924E-07 | -1.0225E-07 |
| 16.9 | -1.0059E-07 | -8.7604E-08 | -1.0441E-07 | -8.8377E-08 |
| 17.0 | -9.5867E-08 | -7.5403E-08 | -9.9371E-08 | -7.5932E-08 |
| 17.1 | -9.0998E-08 | -6.4479E-08 | -9.4203E-08 | -6.4799E-08 |
| 17.2 | -8.6052E-08 | -5.4726E-08 | -8.8977E-08 | -5.4871E-08 |
| 17.3 | -8.1092E-08 | -4.6046E-08 | -8.3754E-08 | -4.6044E-08 |
| 17.4 | -7.6165E-08 | -3.8345E-08 | -7.8583E-08 | -3.8223E-08 |
| 17.5 | -7.1315E-08 | -3.1539E-08 | -7.3506E-08 | -3.1318E-08 |
| 17.6 | -6.6576E-08 | -2.5544E-08 | -6.8555E-08 | -2.5244E-08 |
| 17.7 | -6.1974E-08 | -2.0287E-08 | -6.3758E-08 | -1.9924E-08 |
| 17.8 | -5.7531E-08 | -1.5695E-08 | -5.9135E-08 | -1.5284E-08 |
| 17.9 | -5.3265E-08 | -1.1705E-08 | -5.4703E-08 | -1.1259E-08 |
| 18.0 | -4.9186E-08 | -8.2555E-09 | -5.0472E-08 | -7.7849E-09 |
| 18.1 | -4.5303E-08 | -5.2916E-09 | -4.6450E-08 | -4.8055E-09 |
| 18.2 | -4.1622E-08 | -2.7619E-09 | -4.2642E-08 | -2.2681E-09 |
| 18.3 | -3.8145E-08 | -6.1962E-10 | -3.9049E-08 | -1.2467E-10 |
| 18.4 | -3.4871E-08 | 1.1782E-09 | -3.5669E-08 | 1.6690E-09 |
| 18.5 | -3.1799E-08 | 2.6707E-09 | -3.2502E-08 | 3.1530E-09 |
| 18.6 | -2.8925E-08 | 3.8936E-09 | -2.9542E-08 | 4.3638E-09 |
| 18.7 | -2.6244E-08 | 4.8793E-09 | -2.6783E-08 | 5.3347E-09 |
| 18.8 | -2.3750E-08 | 5.6572E-09 | -2.4219E-08 | 6.0955E-09 |
| 18.9 | -2.1437E-08 | 6.2539E-09 | -2.1843E-08 | 6.6735E-09 |
| 19.0 | -1.9297E-08 | 6.6933E-09 | -1.9647E-08 | 7.0931E-09 |
| 19.1 | -1.7322E-08 | 6.9968E-09 | -1.7622E-08 | 7.3762E-09 |
| 19.2 | -1.5504E-08 | 7.1840E-09 | -1.5760E-08 | 7.5424E-09 |
| 19.3 | -1.3835E-08 | 7.2719E-09 | -1.4051E-08 | 7.6092E-09 |
| 19.4 | -1.2307E-08 | 7.2760E-09 | -1.2488E-08 | 7.5924E-09 |
| 19.5 | -1.0910E-08 | 7.2099E-09 | -1.1060E-08 | 7.5057E-09 |
| 19.6 | -9.6378E-09 | 7.0857E-09 | -9.7606E-09 | 7.3615E-09 |
| 19.7 | -8.4809E-09 | 6.9142E-09 | -8.5801E-09 | 7.1705E-09 |
| 19.8 | -7.4320E-09 | 6.7047E-09 | -7.5105E-09 | 6.9422E-09 |
| 19.9 | -6.4834E-09 | 6.4654E-09 | -6.5439E-09 | 6.6849E-09 |
| 20.0 | -5.6277E-09 | 6.2035E-09 | -5.6727E-09 | 6.4057E-09 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | INFINITY | -6.1087E-01 | INFINITY | - INFINITY |
| 0.1 | 2.4229E+00 | -6.0335E-01 | 8.0545E+00 | -5.7947E+00 |
| 0.2 | 1.7404E+00 | -5.8728E-01 | 3.8785E+00 | -2.9470E+00 |
| 0.3 | 1.3504E+00 | -5.6623E-01 | 2.4545E+00 | -1.9979E+00 |
| 0.4 | 1.0824E+00 | -5.4200E-01 | 1.7269E+00 | -1.5191E+00 |
| 0.5 | 8.8227E-01 | -5.1577E-01 | 1.2824E+00 | -1.2266E+00 |
| 0.6 | 7.2594E-01 | -4.8839E-01 | 9.8229E-01 | -1.0265E+00 |
| 0.7 | 6.0031E-01 | -4.6046E-01 | 7.6656E-01 | -8.7891E-01 |
| 0.8 | 4.9745E-01 | -4.3247E-01 | 6.0481E-01 | -7.6415E-01 |
| 0.9 | 4.1214E-01 | -4.0476E-01 | 4.7993E-01 | -6.7140E-01 |
| 1.0 | 3.4078E-01 | -3.7761E-01 | 3.8147E-01 | -5.9427E-01 |
| 1.1 | 2.8072E-01 | -3.5122E-01 | 3.0266E-01 | -5.2871E-01 |
| 1.2 | 2.2997E-01 | -3.2575E-01 | 2.3889E-01 | -4.7208E-01 |
| 1.3 | 1.8697E-01 | -3.0131E-01 | 1.8688E-01 | -4.2254E-01 |
| 1.4 | 1.5051E-01 | -2.7799E-01 | 1.4426E-01 | -3.7879E-01 |
| 1.5 | 1.1959E-01 | -2.5582E-01 | 1.0921E-01 | -3.3987E-01 |
| 1.6 | 9.3385E-02 | -2.3484E-01 | 8.0351E-02 | -3.0507E-01 |
| 1.7 | 7.1221E-02 | -2.1506E-01 | 5.6603E-02 | -2.7381E-01 |
| 1.8 | 5.2526E-02 | -1.9647E-01 | 3.7095E-02 | -2.4566E-01 |
| 1.9 | 3.6814E-02 | -1.7906E-01 | 2.1127E-02 | -2.2025E-01 |
| 2.0 | 2.3671E-02 | -1.6280E-01 | 8.1261E-03 | -1.9727E-01 |
| 2.1 | 1.2743E-02 | -1.4766E-01 | -2.3825E-03 | -1.7649E-01 |
| 2.2 | 3.7213E-03 | -1.3360E-01 | -1.0794E-02 | -1.5767E-01 |
| 2.3 | -3.6582E-03 | -1.2058E-01 | -1.7438E-02 | -1.4063E-01 |
| 2.4 | -9.6261E-03 | -1.0854E-01 | -2.2595E-02 | -1.2521E-01 |
| 2.5 | -1.4383E-02 | -9.7454E-02 | -2.6502E-02 | -1.1127E-01 |
| 2.6 | -1.8102E-02 | -8.7258E-02 | -2.9360E-02 | -9.8655E-02 |
| 2.7 | -2.0937E-02 | -7.7906E-02 | -3.1341E-02 | -8.7267E-02 |
| 2.8 | -2.3020E-02 | -6.9349E-02 | -3.2591E-02 | -7.6992E-02 |
| 2.9 | -2.4466E-02 | -6.1538E-02 | -3.3235E-02 | -6.7734E-02 |
| 3.0 | -2.5376E-02 | -5.4424E-02 | -3.3383E-02 | -5.9404E-02 |
| 3.1 | -2.5839E-02 | -4.7961E-02 | -3.3124E-02 | -5.1921E-02 |
| 3.2 | -2.5929E-02 | -4.2103E-02 | -3.2538E-02 | -4.5209E-02 |
| 3.3 | -2.5714E-02 | -3.6807E-02 | -3.1693E-02 | -3.9201E-02 |
| 3.4 | -2.5252E-02 | -3.2032E-02 | -3.0645E-02 | -3.3833E-02 |
| 3.5 | -2.4590E-02 | -2.7736E-02 | -2.9443E-02 | -2.9048E-02 |
| 3.6 | -2.3773E-02 | -2.3883E-02 | -2.8128E-02 | -2.4791E-02 |
| 3.7 | -2.2837E-02 | -2.0436E-02 | -2.6736E-02 | -2.1015E-02 |
| 3.8 | -2.1814E-02 | -1.7362E-02 | -2.5295E-02 | -1.7673E-02 |
| 3.9 | -2.0729E-02 | -1.4629E-02 | -2.3830E-02 | -1.4724E-02 |
| 4.0 | -1.9606E-02 | -1.2207E-02 | -2.2361E-02 | -1.2131E-02 |
| 4.1 | -1.8463E-02 | -1.0067E-02 | -2.0905E-02 | -9.8579E-03 |
| 4.2 | -1.7316E-02 | -8.1850E-03 | -1.9475E-02 | -7.8727E-03 |
| 4.3 | -1.6179E-02 | -6.5356E-03 | -1.8083E-02 | -6.1463E-03 |
| 4.4 | -1.5062E-02 | -5.0965E-03 | -1.6736E-02 | -4.6516E-03 |
| 4.5 | -1.3974E-02 | -3.8470E-03 | -1.5441E-02 | -3.3642E-03 |
| 4.6 | -1.2920E-02 | -2.7679E-03 | -1.4203E-02 | -2.2617E-03 |
| 4.7 | -1.1908E-02 | -1.8415E-03 | -1.3025E-02 | -1.3238E-03 |
| 4.8 | -1.0939E-02 | -1.0517E-03 | -1.1910E-02 | -5.3182E-04 |
| 4.9 | -1.0018E-02 | -3.8345E-04 | -1.0858E-02 | 1.3093E-04 |
| 5.0 | -9.1460E-03 | 1.7673E-04 | -9.8691E-03 | 6.7973E-04 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|------------|-------------|------------|
| 5.0 | -9.1460E-03 | 1.7673E-04 | -9.8691E-03 | 6.7973E-04 |
| 5.1 | -8.3236E-03 | 6.4127E-04 | -8.9438E-03 | 1.1283E-03 |
| 5.2 | -7.5512E-03 | 1.0214E-03 | -8.0807E-03 | 1.4892E-03 |
| 5.3 | -6.8287E-03 | 1.3275E-03 | -7.2782E-03 | 1.7735E-03 |
| 5.4 | -6.1551E-03 | 1.5688E-03 | -6.5343E-03 | 1.9913E-03 |
| 5.5 | -5.5293E-03 | 1.7535E-03 | -5.8470E-03 | 2.1517E-03 |
| 5.6 | -4.9498E-03 | 1.8894E-03 | -5.2139E-03 | 2.2626E-03 |
| 5.7 | -4.4149E-03 | 1.9831E-03 | -4.6323E-03 | 2.3314E-03 |
| 5.8 | -3.9228E-03 | 2.0407E-03 | -4.0997E-03 | 2.3644E-03 |
| 5.9 | -3.4713E-03 | 2.0677E-03 | -3.6133E-03 | 2.3673E-03 |
| 6.0 | -3.0585E-03 | 2.0689E-03 | -3.1704E-03 | 2.3452E-03 |
| 6.1 | -2.6822E-03 | 2.0485E-03 | -2.7683E-03 | 2.3024E-03 |
| 6.2 | -2.3402E-03 | 2.0104E-03 | -2.4043E-03 | 2.2430E-03 |
| 6.3 | -2.0303E-03 | 1.9579E-03 | -2.0758E-03 | 2.1702E-03 |
| 6.4 | -1.7504E-03 | 1.8939E-03 | -1.7803E-03 | 2.0871E-03 |
| 6.5 | -1.4985E-03 | 1.8210E-03 | -1.5153E-03 | 1.9963E-03 |
| 6.6 | -1.2725E-03 | 1.7414E-03 | -1.2785E-03 | 1.9000E-03 |
| 6.7 | -1.0704E-03 | 1.6570E-03 | -1.0676E-03 | 1.8000E-03 |
| 6.8 | -8.9048E-04 | 1.5695E-03 | -8.8052E-04 | 1.6981E-03 |
| 6.9 | -7.3081E-04 | 1.4802E-03 | -7.1515E-04 | 1.5955E-03 |
| 7.0 | -5.8973E-04 | 1.3905E-03 | -5.6964E-04 | 1.4935E-03 |
| 7.1 | -4.6564E-04 | 1.3012E-03 | -4.4217E-04 | 1.3930E-03 |
| 7.2 | -3.5700E-04 | 1.2133E-03 | -3.3109E-04 | 1.2947E-03 |
| 7.3 | -2.6241E-04 | 1.1273E-03 | -2.3481E-04 | 1.1994E-03 |
| 7.4 | -1.8052E-04 | 1.0439E-03 | -1.5188E-04 | 1.1074E-03 |
| 7.5 | -1.1009E-04 | 9.6340E-04 | -8.0946E-05 | 1.0192E-03 |
| 7.6 | -4.9965E-05 | 8.8625E-04 | -2.0765E-05 | 9.3512E-04 |
| 7.7 | 9.2734E-07 | 8.1265E-04 | 2.9821E-05 | 8.5523E-04 |
| 7.8 | 4.3574E-05 | 7.4277E-04 | 7.1871E-05 | 7.7969E-04 |
| 7.9 | 7.8886E-05 | 6.7670E-04 | 1.0636E-04 | 7.0856E-04 |
| 8.0 | 1.0770E-04 | 6.1449E-04 | 1.3416E-04 | 6.4183E-04 |
| 8.1 | 1.3078E-04 | 5.5615E-04 | 1.5611E-04 | 5.7946E-04 |
| 8.2 | 1.4882E-04 | 5.0163E-04 | 1.7292E-04 | 5.2137E-04 |
| 8.3 | 1.6246E-04 | 4.5086E-04 | 1.8526E-04 | 4.6745E-04 |
| 8.4 | 1.7227E-04 | 4.0376E-04 | 1.9375E-04 | 4.1756E-04 |
| 8.5 | 1.7878E-04 | 3.6019E-04 | 1.9892E-04 | 3.7155E-04 |
| 8.6 | 1.8245E-04 | 3.2002E-04 | 2.0125E-04 | 3.2924E-04 |
| 8.7 | 1.8371E-04 | 2.8311E-04 | 2.0119E-04 | 2.9047E-04 |
| 8.8 | 1.8293E-04 | 2.4930E-04 | 1.9913E-04 | 2.5505E-04 |
| 8.9 | 1.8045E-04 | 2.1843E-04 | 1.9540E-04 | 2.2278E-04 |
| 9.0 | 1.7657E-04 | 1.9033E-04 | 1.9033E-04 | 1.9349E-04 |
| 9.1 | 1.7155E-04 | 1.6484E-04 | 1.8416E-04 | 1.6698E-04 |
| 9.2 | 1.6563E-04 | 1.4179E-04 | 1.7716E-04 | 1.4307E-04 |
| 9.3 | 1.5900E-04 | 1.2102E-04 | 1.6951E-04 | 1.2158E-04 |
| 9.4 | 1.5186E-04 | 1.0238E-04 | 1.6140E-04 | 1.0233E-04 |
| 9.5 | 1.4435E-04 | 8.5693E-05 | 1.5299E-04 | 8.5157E-05 |
| 9.6 | 1.3661E-04 | 7.0826E-05 | 1.4440E-04 | 6.9890E-05 |
| 9.7 | 1.2874E-04 | 5.7631E-05 | 1.3576E-04 | 5.6376E-05 |
| 9.8 | 1.2086E-04 | 4.5972E-05 | 1.2715E-04 | 4.4469E-05 |
| 9.9 | 1.1304E-04 | 3.5717E-05 | 1.1866E-04 | 3.4027E-05 |
| 10.0 | 1.0535E-04 | 2.6745E-05 | 1.1035E-04 | 2.4920E-05 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | 1.0535E-04 | 2.6745E-05 | 1.1035E-04 | 2.4920E-05 |
| 10.1 | 9.7835E-05 | 1.8938E-05 | 1.0228E-04 | 1.7022E-05 |
| 10.2 | 9.0555E-05 | 1.2188E-05 | 9.4482E-05 | 1.0219E-05 |
| 10.3 | 8.3539E-05 | 6.3927E-06 | 8.6997E-05 | 4.4023E-06 |
| 10.4 | 7.6815E-05 | 1.4565E-06 | 7.9847E-05 | -5.2897E-07 |
| 10.5 | 7.0403E-05 | -2.7087E-06 | 7.3049E-05 | -4.6678E-06 |
| 10.6 | 6.4315E-05 | -6.1848E-06 | 6.6614E-05 | -8.1001E-06 |
| 10.7 | 5.8562E-05 | -9.0474E-06 | 6.0547E-05 | -1.0905E-05 |
| 10.8 | 5.3146E-05 | -1.1366E-05 | 5.4849E-05 | -1.3155E-05 |
| 10.9 | 4.8066E-05 | -1.3205E-05 | 4.9519E-05 | -1.4917E-05 |
| 11.0 | 4.3320E-05 | -1.4621E-05 | 4.4549E-05 | -1.6251E-05 |
| 11.1 | 3.8901E-05 | -1.5669E-05 | 3.9931E-05 | -1.7213E-05 |
| 11.2 | 3.4800E-05 | -1.6397E-05 | 3.5655E-05 | -1.7852E-05 |
| 11.3 | 3.1008E-05 | -1.6849E-05 | 3.1708E-05 | -1.8214E-05 |
| 11.4 | 2.7512E-05 | -1.7063E-05 | 2.8076E-05 | -1.8340E-05 |
| 11.5 | 2.4300E-05 | -1.7076E-05 | 2.4745E-05 | -1.8265E-05 |
| 11.6 | 2.1358E-05 | -1.6920E-05 | 2.1701E-05 | -1.8022E-05 |
| 11.7 | 1.8673E-05 | -1.6622E-05 | 1.8926E-05 | -1.7641E-05 |
| 11.8 | 1.6229E-05 | -1.6208E-05 | 1.6406E-05 | -1.7148E-05 |
| 11.9 | 1.4013E-05 | -1.5702E-05 | 1.4125E-05 | -1.6564E-05 |
| 12.0 | 1.2010E-05 | -1.5121E-05 | 1.2066E-05 | -1.5911E-05 |
| 12.1 | 1.0206E-05 | -1.4485E-05 | 1.0216E-05 | -1.5205E-05 |
| 12.2 | 8.5877E-06 | -1.3807E-05 | 8.5589E-06 | -1.4462E-05 |
| 12.3 | 7.1407E-06 | -1.3101E-05 | 7.0803E-06 | -1.3695E-05 |
| 12.4 | 5.8524E-06 | -1.2379E-05 | 5.7665E-06 | -1.2915E-05 |
| 12.5 | 4.7103E-06 | -1.1650E-05 | 4.6041E-06 | -1.2133E-05 |
| 12.6 | 3.7024E-06 | -1.0922E-05 | 3.5806E-06 | -1.1356E-05 |
| 12.7 | 2.8174E-06 | -1.0202E-05 | 2.6839E-06 | -1.0590E-05 |
| 12.8 | 2.0444E-06 | -9.4965E-06 | 1.9028E-06 | -9.8422E-06 |
| 12.9 | 1.3733E-06 | -8.8094E-06 | 1.2264E-06 | -9.1164E-06 |
| 13.0 | 7.9458E-07 | -8.1447E-06 | 6.4497E-07 | -8.4162E-06 |
| 13.1 | 2.9928E-07 | -7.5054E-06 | 1.4901E-07 | -7.7445E-06 |
| 13.2 | -1.2093E-07 | -6.8937E-06 | -2.7011E-07 | -7.1033E-06 |
| 13.3 | -4.7381E-07 | -6.3111E-06 | -6.2047E-07 | -6.4940E-06 |
| 13.4 | -7.6654E-07 | -5.7589E-06 | -9.0953E-07 | -5.9175E-06 |
| 13.5 | -1.0057E-06 | -5.2375E-06 | -1.1441E-06 | -5.3743E-06 |
| 13.6 | -1.1976E-06 | -4.7471E-06 | -1.3306E-06 | -4.8644E-06 |
| 13.7 | -1.3476E-06 | -4.2878E-06 | -1.4748E-06 | -4.3875E-06 |
| 13.8 | -1.4609E-06 | -3.8590E-06 | -1.5819E-06 | -3.9431E-06 |
| 13.9 | -1.5422E-06 | -3.4601E-06 | -1.6567E-06 | -3.5303E-06 |
| 14.0 | -1.5958E-06 | -3.0902E-06 | -1.7037E-06 | -3.1482E-06 |
| 14.1 | -1.6255E-06 | -2.7485E-06 | -1.7267E-06 | -2.7956E-06 |
| 14.2 | -1.6347E-06 | -2.4338E-06 | -1.7293E-06 | -2.4713E-06 |
| 14.3 | -1.6266E-06 | -2.1449E-06 | -1.7147E-06 | -2.1741E-06 |
| 14.4 | -1.6041E-06 | -1.8805E-06 | -1.6858E-06 | -1.9025E-06 |
| 14.5 | -1.5695E-06 | -1.6393E-06 | -1.6450E-06 | -1.6551E-06 |
| 14.6 | -1.5251E-06 | -1.4202E-06 | -1.5947E-06 | -1.4305E-06 |
| 14.7 | -1.4729E-06 | -1.2216E-06 | -1.5369E-06 | -1.2274E-06 |
| 14.8 | -1.4147E-06 | -1.0423E-06 | -1.4732E-06 | -1.0443E-06 |
| 14.9 | -1.3518E-06 | -8.8109E-07 | -1.4052E-06 | -8.7979E-07 |
| 15.0 | -1.2858E-06 | -7.3659E-07 | -1.3344E-06 | -7.3260E-07 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | -1.2858E-06 | -7.3659E-07 | -1.3344E-06 | -7.3260E-07 |
| 15.1 | -1.2176E-06 | -6.0760E-07 | -1.2617E-06 | -6.0142E-07 |
| 15.2 | -1.1484E-06 | -4.9294E-07 | -1.1882E-06 | -4.8500E-07 |
| 15.3 | -1.0789E-06 | -3.9147E-07 | -1.1147E-06 | -3.8216E-07 |
| 15.4 | -1.0098E-06 | -3.0210E-07 | -1.0420E-06 | -2.9174E-07 |
| 15.5 | -9.4181E-07 | -2.2381E-07 | -9.7056E-07 | -2.1268E-07 |
| 15.6 | -8.7535E-07 | -1.5560E-07 | -9.0096E-07 | -1.4396E-07 |
| 15.7 | -8.1084E-07 | -9.6568E-08 | -8.3356E-07 | -8.4622E-08 |
| 15.8 | -7.4859E-07 | -4.5837E-08 | -7.6867E-07 | -3.3760E-08 |
| 15.9 | -6.8885E-07 | -2.5982E-09 | -7.0652E-07 | 9.4594E-09 |
| 16.0 | -6.3180E-07 | 3.3905E-08 | -6.4727E-07 | 4.5819E-08 |
| 16.1 | -5.7758E-07 | 6.4373E-08 | -5.9106E-07 | 7.6042E-08 |
| 16.2 | -5.2627E-07 | 8.9459E-08 | -5.3794E-07 | 1.0080E-07 |
| 16.3 | -4.7790E-07 | 1.0976E-07 | -4.8794E-07 | 1.2071E-07 |
| 16.4 | -4.3248E-07 | 1.2583E-07 | -4.4106E-07 | 1.3634E-07 |
| 16.5 | -3.8999E-07 | 1.3818E-07 | -3.9726E-07 | 1.4821E-07 |
| 16.6 | -3.5037E-07 | 1.4727E-07 | -3.5648E-07 | 1.5679E-07 |
| 16.7 | -3.1357E-07 | 1.5352E-07 | -3.1864E-07 | 1.6252E-07 |
| 16.8 | -2.7950E-07 | 1.5732E-07 | -2.8364E-07 | 1.6579E-07 |
| 16.9 | -2.4805E-07 | 1.5901E-07 | -2.5139E-07 | 1.6695E-07 |
| 17.0 | -2.1912E-07 | 1.5890E-07 | -2.2175E-07 | 1.6632E-07 |
| 17.1 | -1.9260E-07 | 1.5729E-07 | -1.9461E-07 | 1.6419E-07 |
| 17.2 | -1.6836E-07 | 1.5441E-07 | -1.6983E-07 | 1.6081E-07 |
| 17.3 | -1.4629E-07 | 1.5049E-07 | -1.4729E-07 | 1.5641E-07 |
| 17.4 | -1.2625E-07 | 1.4574E-07 | -1.2685E-07 | 1.5119E-07 |
| 17.5 | -1.0812E-07 | 1.4033E-07 | -1.0839E-07 | 1.4533E-07 |
| 17.6 | -9.1780E-08 | 1.3442E-07 | -9.1760E-08 | 1.3899E-07 |
| 17.7 | -7.7104E-08 | 1.2813E-07 | -7.6846E-08 | 1.3230E-07 |
| 17.8 | -6.3974E-08 | 1.2159E-07 | -6.3521E-08 | 1.2538E-07 |
| 17.9 | -5.2276E-08 | 1.1491E-07 | -5.1664E-08 | 1.1834E-07 |
| 18.0 | -4.1899E-08 | 1.0816E-07 | -4.1160E-08 | 1.1126E-07 |
| 18.1 | -3.2735E-08 | 1.0142E-07 | -3.1899E-08 | 1.0421E-07 |
| 18.2 | -2.4685E-08 | 9.4764E-08 | -2.3775E-08 | 9.7265E-08 |
| 18.3 | -1.7651E-08 | 8.8232E-08 | -1.6690E-08 | 9.0466E-08 |
| 18.4 | -1.1543E-08 | 8.1871E-08 | -1.0549E-08 | 8.3859E-08 |
| 18.5 | -6.2752E-09 | 7.5714E-08 | -5.2642E-09 | 7.7476E-08 |
| 18.6 | -1.7670E-09 | 6.9790E-08 | -7.5210E-10 | 7.1344E-08 |
| 18.7 | 2.0565E-09 | 6.4118E-08 | 3.0642E-09 | 6.5483E-08 |
| 18.8 | 5.2654E-09 | 5.8714E-08 | 6.2566E-09 | 5.9907E-08 |
| 18.9 | 7.9246E-09 | 5.3588E-08 | 8.8918E-09 | 5.4625E-08 |
| 19.0 | 1.0094E-08 | 4.8746E-08 | 1.1031E-08 | 4.9642E-08 |
| 19.1 | 1.1830E-08 | 4.4190E-08 | 1.2732E-08 | 4.4958E-08 |
| 19.2 | 1.3182E-08 | 3.9919E-08 | 1.4046E-08 | 4.0573E-08 |
| 19.3 | 1.4198E-08 | 3.5930E-08 | 1.5021E-08 | 3.6482E-08 |
| 19.4 | 1.4920E-08 | 3.2217E-08 | 1.5700E-08 | 3.2678E-08 |
| 19.5 | 1.5387E-08 | 2.8773E-08 | 1.6123E-08 | 2.9152E-08 |
| 19.6 | 1.5634E-08 | 2.5589E-08 | 1.6326E-08 | 2.5896E-08 |
| 19.7 | 1.5693E-08 | 2.2654E-08 | 1.6341E-08 | 2.2899E-08 |
| 19.8 | 1.5593E-08 | 1.9959E-08 | 1.6197E-08 | 2.0148E-08 |
| 19.9 | 1.5359E-08 | 1.7491E-08 | 1.5920E-08 | 1.7632E-08 |
| 20.0 | 1.5014E-08 | 1.5240E-08 | 1.5534E-08 | 1.5339E-08 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | INFINITY | -6.9813E-01 | INFINITY | - INFINITY |
| 0.1 | 2.4217E+00 | -6.9002E-01 | 7.5263E+00 | -6.4952E+00 |
| 0.2 | 1.7369E+00 | -6.7246E-01 | 3.6153E+00 | -3.3050E+00 |
| 0.3 | 1.3441E+00 | -6.4925E-01 | 2.2782E+00 | -2.2422E+00 |
| 0.4 | 1.0730E+00 | -6.2232E-01 | 1.5928E+00 | -1.7063E+00 |
| 0.5 | 8.6978E-01 | -5.9296E-01 | 1.1727E+00 | -1.3789E+00 |
| 0.6 | 7.1046E-01 | -5.6209E-01 | 8.8816E-01 | -1.1548E+00 |
| 0.7 | 5.8201E-01 | -5.3042E-01 | 6.8300E-01 | -9.8932E-01 |
| 0.8 | 4.7656E-01 | -4.9848E-01 | 5.2884E-01 | -8.6046E-01 |
| 0.9 | 3.8895E-01 | -4.6670E-01 | 4.0965E-01 | -7.5610E-01 |
| 1.0 | 3.1559E-01 | -4.3540E-01 | 3.1565E-01 | -6.6910E-01 |
| 1.1 | 2.5382E-01 | -4.0484E-01 | 2.4048E-01 | -5.9496E-01 |
| 1.2 | 2.0168E-01 | -3.7522E-01 | 1.7979E-01 | -5.3073E-01 |
| 1.3 | 1.5759E-01 | -3.4669E-01 | 1.3051E-01 | -4.7438E-01 |
| 1.4 | 1.2032E-01 | -3.1935E-01 | 9.0352E-02 | -4.2448E-01 |
| 1.5 | 8.8871E-02 | -2.9329E-01 | 5.7612E-02 | -3.7998E-01 |
| 1.6 | 6.2395E-02 | -2.6855E-01 | 3.0959E-02 | -3.4008E-01 |
| 1.7 | 4.0194E-02 | -2.4517E-01 | 9.3465E-03 | -3.0417E-01 |
| 1.8 | 2.1678E-02 | -2.2316E-01 | -8.0690E-03 | -2.7176E-01 |
| 1.9 | 6.3383E-03 | -2.0250E-01 | -2.1973E-02 | -2.4245E-01 |
| 2.0 | -6.2594E-03 | -1.8318E-01 | -3.2931E-02 | -2.1593E-01 |
| 2.1 | -1.6492E-02 | -1.6517E-01 | -4.1413E-02 | -1.9190E-01 |
| 2.2 | -2.4687E-02 | -1.4844E-01 | -4.7814E-02 | -1.7015E-01 |
| 2.3 | -3.1129E-02 | -1.3294E-01 | -5.2469E-02 | -1.5046E-01 |
| 2.4 | -3.6068E-02 | -1.1863E-01 | -5.5660E-02 | -1.3264E-01 |
| 2.5 | -3.9721E-02 | -1.0544E-01 | -5.7629E-02 | -1.1654E-01 |
| 2.6 | -4.2280E-02 | -9.3344E-02 | -5.8584E-02 | -1.0201E-01 |
| 2.7 | -4.3912E-02 | -8.2266E-02 | -5.8700E-02 | -8.8914E-02 |
| 2.8 | -4.4763E-02 | -7.2156E-02 | -5.8131E-02 | -7.7135E-02 |
| 2.9 | -4.4962E-02 | -6.2956E-02 | -5.7006E-02 | -6.6559E-02 |
| 3.0 | -4.4621E-02 | -5.4611E-02 | -5.5439E-02 | -5.7086E-02 |
| 3.1 | -4.3838E-02 | -4.7065E-02 | -5.3524E-02 | -4.8620E-02 |
| 3.2 | -4.2697E-02 | -4.0264E-02 | -5.1345E-02 | -4.1075E-02 |
| 3.3 | -4.1275E-02 | -3.4154E-02 | -4.8971E-02 | -3.4369E-02 |
| 3.4 | -3.9633E-02 | -2.8686E-02 | -4.6462E-02 | -2.8429E-02 |
| 3.5 | -3.7828E-02 | -2.3809E-02 | -4.3869E-02 | -2.3185E-02 |
| 3.6 | -3.5907E-02 | -1.9478E-02 | -4.1234E-02 | -1.8573E-02 |
| 3.7 | -3.3911E-02 | -1.5648E-02 | -3.8592E-02 | -1.4534E-02 |
| 3.8 | -3.1873E-02 | -1.2277E-02 | -3.5973E-02 | -1.1013E-02 |
| 3.9 | -2.9824E-02 | -9.3236E-03 | -3.3401E-02 | -7.9595E-03 |
| 4.0 | -2.7787E-02 | -6.7512E-03 | -3.0895E-02 | -5.3272E-03 |
| 4.1 | -2.5781E-02 | -4.5242E-03 | -2.8471E-02 | -3.0729E-03 |
| 4.2 | -2.3824E-02 | -2.6096E-03 | -2.6141E-02 | -1.1571E-03 |
| 4.3 | -2.1929E-02 | -9.7633E-04 | -2.3914E-02 | 4.5641E-04 |
| 4.4 | -2.0105E-02 | 4.0412E-04 | -2.1797E-02 | 1.8010E-03 |
| 4.5 | -1.8360E-02 | 1.5584E-03 | -1.9793E-02 | 2.9069E-03 |
| 4.6 | -1.6700E-02 | 2.5111E-03 | -1.7904E-02 | 3.8022E-03 |
| 4.7 | -1.5129E-02 | 3.2848E-03 | -1.6133E-02 | 4.5119E-03 |
| 4.8 | -1.3649E-02 | 3.9005E-03 | -1.4477E-02 | 5.0592E-03 |
| 4.9 | -1.2261E-02 | 4.3770E-03 | -1.2936E-02 | 5.4648E-03 |
| 5.0 | -1.0964E-02 | 4.7318E-03 | -1.1507E-02 | 5.7477E-03 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | -1.0964E-02 | 4.7318E-03 | -1.1507E-02 | 5.7477E-03 |
| 5.1 | -9.7584E-03 | 4.9807E-03 | -1.0187E-02 | 5.9249E-03 |
| 5.2 | -8.6412E-03 | 5.1381E-03 | -8.9709E-03 | 6.0116E-03 |
| 5.3 | -7.6102E-03 | 5.2171E-03 | -7.8556E-03 | 6.0217E-03 |
| 5.4 | -6.6625E-03 | 5.2292E-03 | -6.8362E-03 | 5.9673E-03 |
| 5.5 | -5.7946E-03 | 5.1850E-03 | -5.9078E-03 | 5.8594E-03 |
| 5.6 | -5.0028E-03 | 5.0939E-03 | -5.0653E-03 | 5.7078E-03 |
| 5.7 | -4.2834E-03 | 4.9643E-03 | -4.3038E-03 | 5.5210E-03 |
| 5.8 | -3.6323E-03 | 4.8036E-03 | -3.6182E-03 | 5.3065E-03 |
| 5.9 | -3.0455E-03 | 4.6185E-03 | -3.0033E-03 | 5.0711E-03 |
| 6.0 | -2.5189E-03 | 4.4146E-03 | -2.4544E-03 | 4.8204E-03 |
| 6.1 | -2.0485E-03 | 4.1971E-03 | -1.9665E-03 | 4.5594E-03 |
| 6.2 | -1.6302E-03 | 3.9702E-03 | -1.5350E-03 | 4.2925E-03 |
| 6.3 | -1.2602E-03 | 3.7379E-03 | -1.1553E-03 | 4.0234E-03 |
| 6.4 | -9.3469E-04 | 3.5033E-03 | -8.2329E-04 | 3.7551E-03 |
| 6.5 | -6.5010E-04 | 3.2693E-03 | -5.3470E-04 | 3.4902E-03 |
| 6.6 | -4.0294E-04 | 3.0380E-03 | -2.8569E-04 | 3.2310E-03 |
| 6.7 | -1.8989E-04 | 2.8116E-03 | -7.2558E-05 | 2.9792E-03 |
| 6.8 | -7.8084E-06 | 2.5914E-03 | 1.0814E-04 | 2.7362E-03 |
| 6.9 | 1.4626E-04 | 2.3788E-03 | 2.5965E-04 | 2.5030E-03 |
| 7.0 | 2.7509E-04 | 2.1748E-03 | 3.8499E-04 | 2.2806E-03 |
| 7.1 | 3.8130E-04 | 1.9801E-03 | 4.8700E-04 | 2.0694E-03 |
| 7.2 | 4.6730E-04 | 1.7953E-03 | 5.6826E-04 | 1.8700E-03 |
| 7.3 | 5.3536E-04 | 1.6207E-03 | 6.3119E-04 | 1.6824E-03 |
| 7.4 | 5.8755E-04 | 1.4564E-03 | 6.7800E-04 | 1.5068E-03 |
| 7.5 | 6.2580E-04 | 1.3027E-03 | 7.1073E-04 | 1.3430E-03 |
| 7.6 | 6.5187E-04 | 1.1593E-03 | 7.3123E-04 | 1.1908E-03 |
| 7.7 | 6.6737E-04 | 1.0262E-03 | 7.4119E-04 | 1.0501E-03 |
| 7.8 | 6.7378E-04 | 9.0303E-04 | 7.4213E-04 | 9.2043E-04 |
| 7.9 | 6.7242E-04 | 7.8962E-04 | 7.3546E-04 | 8.0139E-04 |
| 8.0 | 6.6451E-04 | 6.8558E-04 | 7.2240E-04 | 6.9256E-04 |
| 8.1 | 6.5112E-04 | 5.9051E-04 | 7.0407E-04 | 5.9345E-04 |
| 8.2 | 6.3324E-04 | 5.0400E-04 | 6.8148E-04 | 5.0356E-04 |
| 8.3 | 6.1172E-04 | 4.2560E-04 | 6.5550E-04 | 4.2237E-04 |
| 8.4 | 5.8735E-04 | 3.5486E-04 | 6.2692E-04 | 3.4936E-04 |
| 8.5 | 5.6080E-04 | 2.9132E-04 | 5.9642E-04 | 2.8400E-04 |
| 8.6 | 5.3267E-04 | 2.3452E-04 | 5.6461E-04 | 2.2578E-04 |
| 8.7 | 5.0348E-04 | 1.8400E-04 | 5.3200E-04 | 1.7417E-04 |
| 8.8 | 4.7369E-04 | 1.3930E-04 | 4.9903E-04 | 1.2869E-04 |
| 8.9 | 4.4369E-04 | 9.9979E-05 | 4.6610E-04 | 8.8852E-05 |
| 9.0 | 4.1381E-04 | 6.5621E-05 | 4.3353E-04 | 5.4187E-05 |
| 9.1 | 3.8432E-04 | 3.5809E-05 | 4.0159E-04 | 2.4252E-05 |
| 9.2 | 3.5547E-04 | 1.0150E-05 | 3.7050E-04 | -1.3771E-06 |
| 9.3 | 3.2744E-04 | -1.1731E-05 | 3.4043E-04 | -2.3101E-05 |
| 9.4 | 3.0039E-04 | -3.0191E-05 | 3.1154E-04 | -4.1300E-05 |
| 9.5 | 2.7443E-04 | -4.5563E-05 | 2.8393E-04 | -5.6329E-05 |
| 9.6 | 2.4967E-04 | -5.8164E-05 | 2.5768E-04 | -6.8521E-05 |
| 9.7 | 2.2616E-04 | -6.8287E-05 | 2.3285E-04 | -7.8187E-05 |
| 9.8 | 2.0395E-04 | -7.6208E-05 | 2.0946E-04 | -8.5614E-05 |
| 9.9 | 1.8307E-04 | -8.2180E-05 | 1.8753E-04 | -9.1069E-05 |
| 10.0 | 1.6352E-04 | -8.6439E-05 | 1.6706E-04 | -9.4797E-05 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | 1.6352E-04 | -8.6439E-05 | 1.6706E-04 | -9.4797E-05 |
| 10.1 | 1.4528E-04 | -8.9201E-05 | 1.4802E-04 | -9.7023E-05 |
| 10.2 | 1.2836E-04 | -9.0666E-05 | 1.3039E-04 | -9.7952E-05 |
| 10.3 | 1.1270E-04 | -9.1014E-05 | 1.1412E-04 | -9.7772E-05 |
| 10.4 | 9.8289E-05 | -9.0410E-05 | 9.9186E-05 | -9.6652E-05 |
| 10.5 | 8.5067E-05 | -8.9004E-05 | 8.5517E-05 | -9.4746E-05 |
| 10.6 | 7.2990E-05 | -8.6931E-05 | 7.3062E-05 | -9.2191E-05 |
| 10.7 | 6.2004E-05 | -8.4311E-05 | 6.1760E-05 | -8.9110E-05 |
| 10.8 | 5.2053E-05 | -8.1252E-05 | 5.1548E-05 | -8.5614E-05 |
| 10.9 | 4.3080E-05 | -7.7851E-05 | 4.2364E-05 | -8.1798E-05 |
| 11.0 | 3.5027E-05 | -7.4192E-05 | 3.4141E-05 | -7.7750E-05 |
| 11.1 | 2.7834E-05 | -7.0351E-05 | 2.6817E-05 | -7.3544E-05 |
| 11.2 | 2.1444E-05 | -6.6393E-05 | 2.0328E-05 | -6.9245E-05 |
| 11.3 | 1.5799E-05 | -6.2373E-05 | 1.4613E-05 | -6.4910E-05 |
| 11.4 | 1.0842E-05 | -5.8341E-05 | 9.6110E-06 | -6.0586E-05 |
| 11.5 | 6.5199E-06 | -5.4339E-05 | 5.2641E-06 | -5.6315E-05 |
| 11.6 | 2.7790E-06 | -5.0401E-05 | 1.5166E-06 | -5.2130E-05 |
| 11.7 | -4.3057E-07 | -4.6556E-05 | -1.6846E-06 | -4.8060E-05 |
| 11.8 | -3.1569E-06 | -4.2828E-05 | -4.3901E-06 | -4.4127E-05 |
| 11.9 | -5.4456E-06 | -3.9237E-05 | -6.6478E-06 | -4.0350E-05 |
| 12.0 | -7.3396E-06 | -3.5796E-05 | -8.5028E-06 | -3.6741E-05 |
| 12.1 | -8.8793E-06 | -3.2518E-05 | -9.9971E-06 | -3.3312E-05 |
| 12.2 | -1.0103E-05 | -2.9409E-05 | -1.1170E-05 | -3.0069E-05 |
| 12.3 | -1.1045E-05 | -2.6476E-05 | -1.2059E-05 | -2.7016E-05 |
| 12.4 | -1.1739E-05 | -2.3720E-05 | -1.2696E-05 | -2.4154E-05 |
| 12.5 | -1.2214E-05 | -2.1143E-05 | -1.3115E-05 | -2.1482E-05 |
| 12.6 | -1.2500E-05 | -1.8742E-05 | -1.3343E-05 | -1.8999E-05 |
| 12.7 | -1.2621E-05 | -1.6516E-05 | -1.3406E-05 | -1.6701E-05 |
| 12.8 | -1.2601E-05 | -1.4459E-05 | -1.3329E-05 | -1.4582E-05 |
| 12.9 | -1.2460E-05 | -1.2566E-05 | -1.3133E-05 | -1.2636E-05 |
| 13.0 | -1.2219E-05 | -1.0832E-05 | -1.2838E-05 | -1.0856E-05 |
| 13.1 | -1.1894E-05 | -9.2503E-06 | -1.2461E-05 | -9.2356E-06 |
| 13.2 | -1.1502E-05 | -7.8130E-06 | -1.2019E-05 | -7.7661E-06 |
| 13.3 | -1.1056E-05 | -6.5128E-06 | -1.1526E-05 | -6.4394E-06 |
| 13.4 | -1.0568E-05 | -5.3420E-06 | -1.0993E-05 | -5.2473E-06 |
| 13.5 | -1.0050E-05 | -4.2930E-06 | -1.0433E-05 | -4.1813E-06 |
| 13.6 | -9.5101E-06 | -3.3576E-06 | -9.8539E-06 | -3.2329E-06 |
| 13.7 | -8.9581E-06 | -2.5283E-06 | -9.2650E-06 | -2.3940E-06 |
| 13.8 | -8.4006E-06 | -1.7972E-06 | -8.6734E-06 | -1.6563E-06 |
| 13.9 | -7.8440E-06 | -1.1570E-06 | -8.0852E-06 | -1.0121E-06 |
| 14.0 | -7.2936E-06 | -6.0038E-07 | -7.5056E-06 | -4.5359E-07 |
| 14.1 | -6.7538E-06 | -1.2033E-07 | -6.9391E-06 | 2.6430E-08 |
| 14.2 | -6.2282E-06 | 2.8982E-07 | -6.3890E-06 | 4.3499E-07 |
| 14.3 | -5.7199E-06 | 6.3646E-07 | -5.8584E-06 | 7.7874E-07 |
| 14.4 | -5.2312E-06 | 9.2562E-07 | -5.3496E-06 | 1.0640E-06 |
| 14.5 | -4.7640E-06 | 1.1630E-06 | -4.8642E-06 | 1.2966E-06 |
| 14.6 | -4.3197E-06 | 1.3540E-06 | -4.4034E-06 | 1.4821E-06 |
| 14.7 | -3.8991E-06 | 1.5037E-06 | -3.9682E-06 | 1.6258E-06 |
| 14.8 | -3.5028E-06 | 1.6166E-06 | -3.5588E-06 | 1.7324E-06 |
| 14.9 | -3.1312E-06 | 1.6971E-06 | -3.1756E-06 | 1.8065E-06 |
| 15.0 | -2.7840E-06 | 1.7493E-06 | -2.8182E-06 | 1.8520E-06 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | -2.7840E-06 | 1.7493E-06 | -2.8182E-06 | 1.8520E-06 |
| 15.1 | -2.4612E-06 | 1.7769E-06 | -2.4864E-06 | 1.8729E-06 |
| 15.2 | -2.1621E-06 | 1.7831E-06 | -2.1796E-06 | 1.8725E-06 |
| 15.3 | -1.8863E-06 | 1.7712E-06 | -1.8970E-06 | 1.8540E-06 |
| 15.4 | -1.6329E-06 | 1.7438E-06 | -1.6378E-06 | 1.8203E-06 |
| 15.5 | -1.4011E-06 | 1.7036E-06 | -1.4010E-06 | 1.7739E-06 |
| 15.6 | -1.1899E-06 | 1.6529E-06 | -1.1857E-06 | 1.7172E-06 |
| 15.7 | -9.9829E-07 | 1.5936E-06 | -9.9067E-07 | 1.6523E-06 |
| 15.8 | -8.2530E-07 | 1.5277E-06 | -8.1487E-07 | 1.5810E-06 |
| 15.9 | -6.6984E-07 | 1.4567E-06 | -6.5714E-07 | 1.5048E-06 |
| 16.0 | -5.3081E-07 | 1.3820E-06 | -5.1633E-07 | 1.4254E-06 |
| 16.1 | -4.0712E-07 | 1.3051E-06 | -3.9131E-07 | 1.3439E-06 |
| 16.2 | -2.9773E-07 | 1.2268E-06 | -2.8095E-07 | 1.2814E-06 |
| 16.3 | -2.0157E-07 | 1.1482E-06 | -1.8415E-07 | 1.1790E-06 |
| 16.4 | -1.1762E-07 | 1.0701E-06 | -9.9847E-08 | 1.0972E-06 |
| 16.5 | -4.4889E-08 | 9.9313E-07 | -2.7008E-08 | 1.0170E-06 |
| 16.6 | 1.7569E-08 | 9.1792E-07 | 3.5355E-08 | 9.3869E-07 |
| 16.7 | 7.0666E-08 | 8.4491E-07 | 8.8187E-08 | 8.6289E-07 |
| 16.8 | 1.1527E-07 | 7.7450E-07 | 1.3238E-07 | 7.8993E-07 |
| 16.9 | 1.5220E-07 | 7.0696E-07 | 1.6879E-07 | 7.2009E-07 |
| 17.0 | 1.8223E-07 | 6.4254E-07 | 1.9821E-07 | 6.5359E-07 |
| 17.1 | 2.0609E-07 | 5.8139E-07 | 2.2138E-07 | 5.9057E-07 |
| 17.2 | 2.2445E-07 | 5.2362E-07 | 2.3901E-07 | 5.3113E-07 |
| 17.3 | 2.3796E-07 | 4.6930E-07 | 2.5174E-07 | 4.7532E-07 |
| 17.4 | 2.4718E-07 | 4.1844E-07 | 2.6017E-07 | 4.2314E-07 |
| 17.5 | 2.5267E-07 | 3.7101E-07 | 2.6485E-07 | 3.7456E-07 |
| 17.6 | 2.5491E-07 | 3.2698E-07 | 2.6629E-07 | 3.2951E-07 |
| 17.7 | 2.5437E-07 | 2.8627E-07 | 2.6495E-07 | 2.8791E-07 |
| 17.8 | 2.5147E-07 | 2.4877E-07 | 2.6126E-07 | 2.4966E-07 |
| 17.9 | 2.4656E-07 | 2.1439E-07 | 2.5559E-07 | 2.1462E-07 |
| 18.0 | 2.4001E-07 | 1.8299E-07 | 2.4830E-07 | 1.8267E-07 |
| 18.1 | 2.3210E-07 | 1.5444E-07 | 2.3968E-07 | 1.5365E-07 |
| 18.2 | 2.2312E-07 | 1.2859E-07 | 2.3003E-07 | 1.2742E-07 |
| 18.3 | 2.1332E-07 | 1.0529E-07 | 2.1958E-07 | 1.0382E-07 |
| 18.4 | 2.0290E-07 | 8.4401E-08 | 2.0855E-07 | 8.2678E-08 |
| 18.5 | 1.9205E-07 | 6.5763E-08 | 1.9714E-07 | 6.3849E-08 |
| 18.6 | 1.8095E-07 | 4.9225E-08 | 1.8550E-07 | 4.7170E-08 |
| 18.7 | 1.6974E-07 | 3.4639E-08 | 1.7379E-07 | 3.2486E-08 |
| 18.8 | 1.5854E-07 | 2.1858E-08 | 1.6213E-07 | 1.9644E-08 |
| 18.9 | 1.4746E-07 | 1.0740E-08 | 1.5062E-07 | 8.4981E-09 |
| 19.0 | 1.3659E-07 | 1.1482E-09 | 1.3935E-07 | -1.0946E-09 |
| 19.1 | 1.2599E-07 | -7.0494E-09 | 1.2839E-07 | -9.2698E-09 |
| 19.2 | 1.1574E-07 | -1.3979E-08 | 1.1781E-07 | -1.6157E-08 |
| 19.3 | 1.0588E-07 | -1.9759E-08 | 1.0765E-07 | -2.1879E-08 |
| 19.4 | 9.6446E-08 | -2.4502E-08 | 9.7946E-08 | -2.6552E-08 |
| 19.5 | 8.7468E-08 | -2.8316E-08 | 8.8722E-08 | -3.0285E-08 |
| 19.6 | 7.8965E-08 | -3.1300E-08 | 7.9999E-08 | -3.3181E-08 |
| 19.7 | 7.0948E-08 | -3.3547E-08 | 7.1786E-08 | -3.5333E-08 |
| 19.8 | 6.3425E-08 | -3.5143E-08 | 6.4088E-08 | -3.6832E-08 |
| 19.9 | 5.6394E-08 | -3.6169E-08 | 5.6902E-08 | -3.7757E-08 |
| 20.0 | 4.9851E-08 | -3.6698E-08 | 5.0223E-08 | -3.8184E-08 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | INFINITY | -7.8540E-01 | INFINITY | - INFINITY |
| 0.1 | 2.4205E+00 | -7.7685E-01 | 6.9402E+00 | -7.1467E+00 |
| 0.2 | 1.7331E+00 | -7.5812E-01 | 3.3234E+00 | -3.6387E+00 |
| 0.3 | 1.3372E+00 | -7.3310E-01 | 2.0828E+00 | -2.4707E+00 |
| 0.4 | 1.0626E+00 | -7.0380E-01 | 1.4443E+00 | -1.8820E+00 |
| 0.5 | 8.5591E-01 | -6.7158E-01 | 1.0512E+00 | -1.5224E+00 |
| 0.6 | 6.9312E-01 | -6.3745E-01 | 7.8374E-01 | -1.2761E+00 |
| 0.7 | 5.6138E-01 | -6.0218E-01 | 5.9018E-01 | -1.0941E+00 |
| 0.8 | 4.5288E-01 | -5.6637E-01 | 4.4427E-01 | -9.5203E-01 |
| 0.9 | 3.6251E-01 | -5.3051E-01 | 3.3123E-01 | -8.3673E-01 |
| 1.0 | 2.8671E-01 | -4.9499E-01 | 2.4200E-01 | -7.4032E-01 |
| 1.1 | 2.2284E-01 | -4.6013E-01 | 1.7068E-01 | -6.5791E-01 |
| 1.2 | 1.6895E-01 | -4.2616E-01 | 1.1326E-01 | -5.8627E-01 |
| 1.3 | 1.2346E-01 | -3.9329E-01 | 6.6833E-02 | -5.2322E-01 |
| 1.4 | 8.5126E-02 | -3.6166E-01 | 2.9284E-02 | -4.6718E-01 |
| 1.5 | 5.2935E-02 | -3.3140E-01 | -1.0087E-03 | -4.1704E-01 |
| 1.6 | 2.6030E-02 | -3.0257E-01 | -2.5307E-02 | -3.7195E-01 |
| 1.7 | 3.6911E-03 | -2.7523E-01 | -4.4615E-02 | -3.3125E-01 |
| 1.8 | -1.4696E-02 | -2.4942E-01 | -5.9748E-02 | -2.9443E-01 |
| 1.9 | -2.9661E-02 | -2.2514E-01 | -7.1374E-02 | -2.6106E-01 |
| 2.0 | -4.1665E-02 | -2.0240E-01 | -8.0049E-02 | -2.3081E-01 |
| 2.1 | -5.1106E-02 | -1.8117E-01 | -8.6243E-02 | -2.0337E-01 |
| 2.2 | -5.8339E-02 | -1.6143E-01 | -9.0352E-02 | -1.7851E-01 |
| 2.3 | -6.3670E-02 | -1.4314E-01 | -9.2713E-02 | -1.5600E-01 |
| 2.4 | -6.7373E-02 | -1.2624E-01 | -9.3617E-02 | -1.3564E-01 |
| 2.5 | -6.9688E-02 | -1.1070E-01 | -9.3314E-02 | -1.1726E-01 |
| 2.6 | -7.0826E-02 | -9.6443E-02 | -9.2018E-02 | -1.0070E-01 |
| 2.7 | -7.0974E-02 | -8.3422E-02 | -8.9916E-02 | -8.5808E-02 |
| 2.8 | -7.0296E-02 | -7.1571E-02 | -8.7168E-02 | -7.2461E-02 |
| 2.9 | -6.8939E-02 | -6.0825E-02 | -8.3913E-02 | -6.0530E-02 |
| 3.0 | -6.7029E-02 | -5.1122E-02 | -8.0270E-02 | -4.9898E-02 |
| 3.1 | -6.4679E-02 | -4.2395E-02 | -7.6343E-02 | -4.0460E-02 |
| 3.2 | -6.1985E-02 | -3.4582E-02 | -7.2221E-02 | -3.2113E-02 |
| 3.3 | -5.9033E-02 | -2.7620E-02 | -6.7978E-02 | -2.4766E-02 |
| 3.4 | -5.5897E-02 | -2.1446E-02 | -6.3678E-02 | -1.8330E-02 |
| 3.5 | -5.2639E-02 | -1.6003E-02 | -5.9376E-02 | -1.2723E-02 |
| 3.6 | -4.9316E-02 | -1.1231E-02 | -5.5118E-02 | -7.8706E-03 |
| 3.7 | -4.5972E-02 | -7.0767E-03 | -5.0940E-02 | -3.7006E-03 |
| 3.8 | -4.2647E-02 | -3.4867E-03 | -4.6873E-02 | -1.4714E-04 |
| 3.9 | -3.9374E-02 | -4.1081E-04 | -4.2942E-02 | 2.8512E-03 |
| 4.0 | -3.6179E-02 | 2.1984E-03 | -3.9166E-02 | 5.3513E-03 |
| 4.1 | -3.3084E-02 | 4.3858E-03 | -3.5560E-02 | 7.4061E-03 |
| 4.2 | -3.0108E-02 | 6.1936E-03 | -3.2135E-02 | 9.0642E-03 |
| 4.3 | -2.7262E-02 | 7.6613E-03 | -2.8898E-02 | 1.0371E-02 |
| 4.4 | -2.4557E-02 | 8.8256E-03 | -2.5853E-02 | 1.1367E-02 |
| 4.5 | -2.2000E-02 | 9.7209E-03 | -2.3002E-02 | 1.2091E-02 |
| 4.6 | -1.9595E-02 | 1.0379E-02 | -2.0344E-02 | 1.2577E-02 |
| 4.7 | -1.7344E-02 | 1.0829E-02 | -1.7878E-02 | 1.2857E-02 |
| 4.8 | -1.5248E-02 | 1.1097E-02 | -1.5598E-02 | 1.2961E-02 |
| 4.9 | -1.3305E-02 | 1.1210E-02 | -1.3500E-02 | 1.2913E-02 |
| 5.0 | -1.1512E-02 | 1.1188E-02 | -1.1578E-02 | 1.2737E-02 |

AD-A102 844

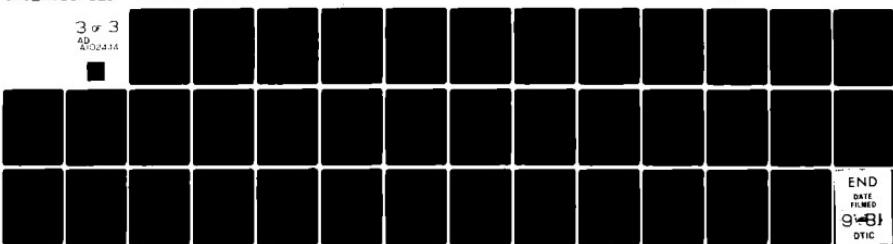
GOULD INC GLEN BURNIE MD CHESAPEAKE INSTRUMENT DIV
TABLE OF THE MODIFIED BESSEL FUNCTIONS OF ORDERS ZERO AND ONE T--ETC(U)
JUN 81 O LINDEMANN
N00014-78-C-0572
78243-630-004

F/G 12/1

NL

UNCLASSIFIED

3 or 3
AD
A102444



END
DATE
FILED
9-18-81
DTIC

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | -1.1512E-02 | 1.1188E-02 | -1.1578E-02 | 1.2737E-02 |
| 5.1 | -9.8647E-03 | 1.1052E-02 | -9.8242E-03 | 1.2456E-02 |
| 5.2 | -8.3591E-03 | 1.0821E-02 | -8.2318E-03 | 1.2087E-02 |
| 5.3 | -6.9893E-03 | 1.0512E-02 | -6.7924E-03 | 1.1648E-02 |
| 5.4 | -5.7491E-03 | 1.0139E-02 | -5.4976E-03 | 1.1154E-02 |
| 5.5 | -4.6322E-03 | 9.7163E-03 | -4.3389E-03 | 1.0618E-02 |
| 5.6 | -3.6316E-03 | 9.2550E-03 | -3.3078E-03 | 1.0053E-02 |
| 5.7 | -2.7404E-03 | 8.7657E-03 | -2.3955E-03 | 9.4672E-03 |
| 5.8 | -1.9516E-03 | 8.2577E-03 | -1.5937E-03 | 8.8710E-03 |
| 5.9 | -1.2581E-03 | 7.7390E-03 | -8.9400E-04 | 8.2718E-03 |
| 6.0 | -6.5304E-04 | 7.2165E-03 | -2.8835E-04 | 7.6761E-03 |
| 6.1 | -1.2953E-04 | 6.6961E-03 | 2.3108E-04 | 7.0894E-03 |
| 6.2 | 3.1906E-04 | 6.1827E-03 | 6.7181E-04 | 6.5164E-03 |
| 6.3 | 6.9912E-04 | 5.6808E-03 | 1.0410E-03 | 5.9608E-03 |
| 6.4 | 1.0168E-03 | 5.1936E-03 | 1.3455E-03 | 5.4258E-03 |
| 6.5 | 1.2781E-03 | 4.7240E-03 | 1.5917E-03 | 4.9137E-03 |
| 6.6 | 1.4884E-03 | 4.2742E-03 | 1.7858E-03 | 4.4263E-03 |
| 6.7 | 1.6532E-03 | 3.8459E-03 | 1.9334E-03 | 3.9650E-03 |
| 6.8 | 1.7774E-03 | 3.4404E-03 | 2.0399E-03 | 3.5305E-03 |
| 6.9 | 1.8655E-03 | 3.0584E-03 | 2.1102E-03 | 3.1233E-03 |
| 7.0 | 1.9220E-03 | 2.7004E-03 | 2.1489E-03 | 2.7436E-03 |
| 7.1 | 1.9509E-03 | 2.3665E-03 | 2.1602E-03 | 2.3911E-03 |
| 7.2 | 1.9559E-03 | 2.0566E-03 | 2.1481E-03 | 2.0655E-03 |
| 7.3 | 1.9403E-03 | 1.7705E-03 | 2.1159E-03 | 1.7661E-03 |
| 7.4 | 1.9074E-03 | 1.5074E-03 | 2.0671E-03 | 1.4920E-03 |
| 7.5 | 1.8599E-03 | 1.2669E-03 | 2.0044E-03 | 1.2425E-03 |
| 7.6 | 1.8004E-03 | 1.0480E-03 | 1.9306E-03 | 1.0163E-03 |
| 7.7 | 1.7313E-03 | 8.4979E-04 | 1.8480E-03 | 8.1251E-04 |
| 7.8 | 1.6547E-03 | 6.7137E-04 | 1.7586E-03 | 6.2981E-04 |
| 7.9 | 1.5723E-03 | 5.1166E-04 | 1.6644E-03 | 4.6700E-04 |
| 8.0 | 1.4858E-03 | 3.6958E-04 | 1.5670E-03 | 3.2286E-04 |
| 8.1 | 1.3968E-03 | 2.4403E-04 | 1.4678E-03 | 1.9612E-04 |
| 8.2 | 1.3064E-03 | 1.3390E-04 | 1.3681E-03 | 8.5558E-05 |
| 8.3 | 1.2157E-03 | 3.8089E-05 | 1.2689E-03 | -1.0056E-05 |
| 8.4 | 1.1258E-03 | -4.4491E-05 | 1.1713E-03 | -9.1911E-05 |
| 8.5 | 1.0373E-03 | -1.1490E-04 | 1.0758E-03 | -1.6117E-04 |
| 8.6 | 9.5107E-04 | -1.7418E-04 | 9.8318E-04 | -2.1894E-04 |
| 8.7 | 8.6751E-04 | -2.2331E-04 | 8.9394E-04 | -2.6629E-04 |
| 8.8 | 7.8712E-04 | -2.6325E-04 | 8.0848E-04 | -3.0425E-04 |
| 8.9 | 7.1025E-04 | -2.9491E-04 | 7.2711E-04 | -3.3378E-04 |
| 9.0 | 6.3716E-04 | -3.1915E-04 | 6.5005E-04 | -3.5578E-04 |
| 9.1 | 5.6805E-04 | -3.3679E-04 | 5.7746E-04 | -3.7112E-04 |
| 9.2 | 5.0305E-04 | -3.4858E-04 | 5.0941E-04 | -3.8059E-04 |
| 9.3 | 4.4220E-04 | -3.5524E-04 | 4.4595E-04 | -3.8493E-04 |
| 9.4 | 3.8554E-04 | -3.5742E-04 | 3.8703E-04 | -3.8483E-04 |
| 9.5 | 3.3303E-04 | -3.5574E-04 | 3.3261E-04 | -3.8092E-04 |
| 9.6 | 2.8460E-04 | -3.5077E-04 | 2.8259E-04 | -3.7378E-04 |
| 9.7 | 2.4017E-04 | -3.4301E-04 | 2.3682E-04 | -3.6394E-04 |
| 9.8 | 1.9960E-04 | -3.3294E-04 | 1.9517E-04 | -3.5189E-04 |
| 9.9 | 1.6275E-04 | -3.2098E-04 | 1.5747E-04 | -3.3804E-04 |
| 10.0 | 1.2947E-04 | -3.0752E-04 | 1.2352E-04 | -3.2280E-04 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | 1.2947E-04 | -3.0752E-04 | 1.2352E-04 | -3.2280E-04 |
| 10.1 | 9.9572E-05 | -2.9291E-04 | 9.3132E-05 | -3.0651E-04 |
| 10.2 | 7.2886E-05 | -2.7744E-04 | 6.6102E-05 | -2.8949E-04 |
| 10.3 | 4.9221E-05 | -2.6140E-04 | 4.2222E-05 | -2.7199E-04 |
| 10.4 | 2.8385E-05 | -2.4502E-04 | 2.1283E-05 | -2.5427E-04 |
| 10.5 | 1.0188E-05 | -2.2852E-04 | 3.0773E-06 | -2.3653E-04 |
| 10.6 | -5.5636E-06 | -2.1206E-04 | -1.2602E-05 | -2.1895E-04 |
| 10.7 | -1.9056E-05 | -1.9582E-04 | -2.5955E-05 | -2.0167E-04 |
| 10.8 | -3.0474E-05 | -1.7991E-04 | -3.7179E-05 | -1.8483E-04 |
| 10.9 | -3.9995E-05 | -1.6446E-04 | -4.6462E-05 | -1.6852E-04 |
| 11.0 | -4.7792E-05 | -1.4954E-04 | -5.3987E-05 | -1.5285E-04 |
| 11.1 | -5.4029E-05 | -1.3523E-04 | -5.9926E-05 | -1.3786E-04 |
| 11.2 | -5.8864E-05 | -1.2158E-04 | -6.4444E-05 | -1.2361E-04 |
| 11.3 | -6.2445E-05 | -1.0864E-04 | -6.7695E-05 | -1.1014E-04 |
| 11.4 | -6.4912E-05 | -9.6440E-05 | -6.9826E-05 | -9.7472E-05 |
| 11.5 | -6.6397E-05 | -8.4988E-05 | -7.0973E-05 | -8.5615E-05 |
| 11.6 | -6.7022E-05 | -7.4296E-05 | -7.1261E-05 | -7.4573E-05 |
| 11.7 | -6.6902E-05 | -6.4363E-05 | -7.0810E-05 | -6.4340E-05 |
| 11.8 | -6.6141E-05 | -5.5179E-05 | -6.9726E-05 | -5.4904E-05 |
| 11.9 | -6.4837E-05 | -4.6731E-05 | -6.8110E-05 | -4.6245E-05 |
| 12.0 | -6.3077E-05 | -3.9000E-05 | -6.6050E-05 | -3.8340E-05 |
| 12.1 | -6.0943E-05 | -3.1960E-05 | -6.3630E-05 | -3.1161E-05 |
| 12.2 | -5.8508E-05 | -2.5585E-05 | -6.0923E-05 | -2.4676E-05 |
| 12.3 | -5.5838E-05 | -1.9844E-05 | -5.7996E-05 | -1.8852E-05 |
| 12.4 | -5.2991E-05 | -1.4706E-05 | -5.4908E-05 | -1.3654E-05 |
| 12.5 | -5.0020E-05 | -1.0136E-05 | -5.1712E-05 | -9.0457E-06 |
| 12.6 | -4.6972E-05 | -6.1016E-06 | -4.8455E-05 | -4.9896E-06 |
| 12.7 | -4.3886E-05 | -2.5666E-06 | -4.5176E-05 | -1.4484E-06 |
| 12.8 | -4.0799E-05 | 5.0359E-07 | -4.1911E-05 | 1.6150E-06 |
| 12.9 | -3.7740E-05 | 3.1435E-06 | -3.8689E-05 | 4.2371E-06 |
| 13.0 | -3.4736E-05 | 5.3870E-06 | -3.5537E-05 | 6.4537E-06 |
| 13.1 | -3.1808E-05 | 7.2673E-06 | -3.2475E-05 | 8.2997E-06 |
| 13.2 | -2.8975E-05 | 8.8163E-06 | -2.9520E-05 | 9.8086E-06 |
| 13.3 | -2.6251E-05 | 1.0065E-05 | -2.6687E-05 | 1.1012E-05 |
| 13.4 | -2.3647E-05 | 1.1043E-05 | -2.3986E-05 | 1.1942E-05 |
| 13.5 | -2.1172E-05 | 1.1777E-05 | -2.1425E-05 | 1.2626E-05 |
| 13.6 | -1.8833E-05 | 1.2296E-05 | -1.9010E-05 | 1.3092E-05 |
| 13.7 | -1.6633E-05 | 1.2622E-05 | -1.6744E-05 | 1.3366E-05 |
| 13.8 | -1.4575E-05 | 1.2781E-05 | -1.4629E-05 | 1.3472E-05 |
| 13.9 | -1.2659E-05 | 1.2793E-05 | -1.2663E-05 | 1.3432E-05 |
| 14.0 | -1.0884E-05 | 1.2678E-05 | -1.0846E-05 | 1.3267E-05 |
| 14.1 | -9.2481E-06 | 1.2456E-05 | -9.1748E-06 | 1.2995E-05 |
| 14.2 | -7.7476E-06 | 1.2144E-05 | -7.6451E-06 | 1.2634E-05 |
| 14.3 | -6.3786E-06 | 1.1756E-05 | -6.2524E-06 | 1.2200E-05 |
| 14.4 | -5.1363E-06 | 1.1307E-05 | -4.9912E-06 | 1.1708E-05 |
| 14.5 | -4.0152E-06 | 1.0810E-05 | -3.8556E-06 | 1.1169E-05 |
| 14.6 | -3.0095E-06 | 1.0276E-05 | -2.8392E-06 | 1.0596E-05 |
| 14.7 | -2.1131E-06 | 9.7163E-06 | -1.9355E-06 | 9.9944E-06 |
| 14.8 | -1.3195E-06 | 9.1388E-06 | -1.1377E-06 | 9.3877E-06 |
| 14.9 | -6.2238E-07 | 8.5520E-06 | -4.3880E-07 | 8.7692E-06 |
| 15.0 | -1.5143E-08 | 7.9629E-06 | 1.6797E-07 | 8.1508E-06 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | -1.5143E-08 | 7.9629E-06 | 1.6797E-07 | 8.1508E-06 |
| 15.1 | 5.0870E-07 | 7.3775E-06 | 6.8948E-07 | 7.5384E-06 |
| 15.2 | 9.5555E-07 | 6.8009E-06 | 1.1324E-06 | 6.9372E-06 |
| 15.3 | 1.3317E-06 | 6.2376E-06 | 1.5034E-06 | 6.3515E-06 |
| 15.4 | 1.6432E-06 | 5.6911E-06 | 1.8087E-06 | 5.7848E-06 |
| 15.5 | 1.8959E-06 | 5.1646E-06 | 2.0544E-06 | 5.2400E-06 |
| 15.6 | 2.0955E-06 | 4.6603E-06 | 2.2463E-06 | 4.7193E-06 |
| 15.7 | 2.2474E-06 | 4.1800E-06 | 2.3901E-06 | 4.2245E-06 |
| 15.8 | 2.3566E-06 | 3.7252E-06 | 2.4909E-06 | 3.7569E-06 |
| 15.9 | 2.4280E-06 | 3.2967E-06 | 2.5537E-06 | 3.3171E-06 |
| 16.0 | 2.4660E-06 | 2.8951E-06 | 2.5831E-06 | 2.9056E-06 |
| 16.1 | 2.4750E-06 | 2.5205E-06 | 2.5834E-06 | 2.5226E-06 |
| 16.2 | 2.4587E-06 | 2.1729E-06 | 2.5587E-06 | 2.1677E-06 |
| 16.3 | 2.4208E-06 | 1.8519E-06 | 2.5126E-06 | 1.8406E-06 |
| 16.4 | 2.3647E-06 | 1.5570E-06 | 2.4485E-06 | 1.5406E-06 |
| 16.5 | 2.2934E-06 | 1.2875E-06 | 2.3695E-06 | 1.2669E-06 |
| 16.6 | 2.2097E-06 | 1.0424E-06 | 2.2784E-06 | 1.0185E-06 |
| 16.7 | 2.1160E-06 | 8.2088E-07 | 2.1778E-06 | 7.9436E-07 |
| 16.8 | 2.0147E-06 | 6.2174E-07 | 2.0699E-06 | 5.9327E-07 |
| 16.9 | 1.9078E-06 | 4.4386E-07 | 1.9568E-06 | 4.1403E-07 |
| 17.0 | 1.7971E-06 | 2.8605E-07 | 1.8403E-06 | 2.5537E-07 |
| 17.1 | 1.6842E-06 | 1.4708E-07 | 1.7220E-06 | 1.1599E-07 |
| 17.2 | 1.5704E-06 | 2.5711E-08 | 1.6032E-06 | -5.4047E-09 |
| 17.3 | 1.4571E-06 | -7.9293E-08 | 1.4852E-06 | -1.1011E-07 |
| 17.4 | 1.3451E-06 | -1.6917E-07 | 1.3691E-06 | -1.9940E-07 |
| 17.5 | 1.2355E-06 | -2.4511E-07 | 1.2556E-06 | -2.7453E-07 |
| 17.6 | 1.1290E-06 | -3.0830E-07 | 1.1455E-06 | -3.3673E-07 |
| 17.7 | 1.0261E-06 | -3.5986E-07 | 1.0395E-06 | -3.8715E-07 |
| 17.8 | 9.2735E-07 | -4.0091E-07 | 9.3794E-07 | -4.2693E-07 |
| 17.9 | 8.3316E-07 | -4.3247E-07 | 8.4123E-07 | -4.5715E-07 |
| 18.0 | 7.4381E-07 | -4.5555E-07 | 7.4963E-07 | -4.7882E-07 |
| 18.1 | 6.5949E-07 | -4.7107E-07 | 6.6333E-07 | -4.9291E-07 |
| 18.2 | 5.8032E-07 | -4.7993E-07 | 5.8244E-07 | -5.0031E-07 |
| 18.3 | 5.0637E-07 | -4.8295E-07 | 5.0699E-07 | -5.0188E-07 |
| 18.4 | 4.3764E-07 | -4.8090E-07 | 4.3697E-07 | -4.9839E-07 |
| 18.5 | 3.7407E-07 | -4.7450E-07 | 3.7231E-07 | -4.9058E-07 |
| 18.6 | 3.1557E-07 | -4.6439E-07 | 3.1290E-07 | -4.7910E-07 |
| 18.7 | 2.6201E-07 | -4.5118E-07 | 2.5859E-07 | -4.6457E-07 |
| 18.8 | 2.1324E-07 | -4.3543E-07 | 2.0921E-07 | -4.4755E-07 |
| 18.9 | 1.6907E-07 | -4.1763E-07 | 1.6456E-07 | -4.2855E-07 |
| 19.0 | 1.2929E-07 | -3.9824E-07 | 1.2442E-07 | -4.0801E-07 |
| 19.1 | 9.3697E-08 | -3.7766E-07 | 8.8564E-08 | -3.8635E-07 |
| 19.2 | 6.2053E-08 | -3.5624E-07 | 5.6751E-08 | -3.6392E-07 |
| 19.3 | 3.4126E-08 | -3.3432E-07 | 2.8734E-08 | -3.4105E-07 |
| 19.4 | 9.6778E-09 | -3.1216E-07 | 4.2651E-09 | -3.1802E-07 |
| 19.5 | -1.1531E-08 | -2.9002E-07 | -1.6907E-08 | -2.9507E-07 |
| 19.6 | -2.9739E-08 | -2.6811E-07 | -3.5028E-08 | -2.7241E-07 |
| 19.7 | -4.5180E-08 | -2.4660E-07 | -5.0339E-08 | -2.5022E-07 |
| 19.8 | -5.8082E-08 | -2.2565E-07 | -6.3079E-08 | -2.2865E-07 |
| 19.9 | -6.8668E-08 | -2.0538E-07 | -7.3474E-08 | -2.0783E-07 |
| 20.0 | -7.7152E-08 | -1.8589E-07 | -8.1746E-08 | -1.8784E-07 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | INFINITY | -8.7266E-01 | INFINITY | - INFINITY |
| 0.1 | 2.4192E+00 | -8.6387E-01 | 6.3008E+00 | -7.7443E+00 |
| 0.2 | 1.7291E+00 | -8.4432E-01 | 3.0051E+00 | -3.9457E+00 |
| 0.3 | 1.3298E+00 | -8.1787E-01 | 1.8699E+00 | -2.6819E+00 |
| 0.4 | 1.0514E+00 | -7.8657E-01 | 1.2825E+00 | -2.0452E+00 |
| 0.5 | 8.4075E-01 | -7.5183E-01 | 9.1874E-01 | -1.6563E+00 |
| 0.6 | 6.7404E-01 | -7.1471E-01 | 6.6986E-01 | -1.3899E+00 |
| 0.7 | 5.3851E-01 | -6.7603E-01 | 4.8878E-01 | -1.1927E+00 |
| 0.8 | 4.2645E-01 | -6.3646E-01 | 3.5168E-01 | -1.0385E+00 |
| 0.9 | 3.3280E-01 | -5.9656E-01 | 2.4512E-01 | -9.1303E-01 |
| 1.0 | 2.5406E-01 | -5.5678E-01 | 1.6086E-01 | -8.0776E-01 |
| 1.1 | 1.8763E-01 | -5.1748E-01 | 9.3530E-02 | -7.1744E-01 |
| 1.2 | 1.3154E-01 | -4.7896E-01 | 3.9430E-02 | -6.3861E-01 |
| 1.3 | 8.4258E-02 | -4.4149E-01 | -4.0849E-03 | -5.6894E-01 |
| 1.4 | 4.4525E-02 | -4.0526E-01 | -3.8982E-02 | -5.0677E-01 |
| 1.5 | 1.1314E-02 | -3.7042E-01 | -6.6771E-02 | -4.5092E-01 |
| 1.6 | -1.6242E-02 | -3.3709E-01 | -8.8637E-02 | -4.0051E-01 |
| 1.7 | -3.8879E-02 | -3.0537E-01 | -1.0553E-01 | -3.5484E-01 |
| 1.8 | -5.7236E-02 | -2.7532E-01 | -1.1825E-01 | -3.1339E-01 |
| 1.9 | -7.1864E-02 | -2.4698E-01 | -1.2742E-01 | -2.7572E-01 |
| 2.0 | -8.3250E-02 | -2.2036E-01 | -1.3360E-01 | -2.4149E-01 |
| 2.1 | -9.1822E-02 | -1.9546E-01 | -1.3726E-01 | -2.1040E-01 |
| 2.2 | -9.7958E-02 | -1.7227E-01 | -1.3879E-01 | -1.8218E-01 |
| 2.3 | -1.0200E-01 | -1.5076E-01 | -1.3855E-01 | -1.5661E-01 |
| 2.4 | -1.0424E-01 | -1.3090E-01 | -1.3683E-01 | -1.3349E-01 |
| 2.5 | -1.0494E-01 | -1.1262E-01 | -1.3388E-01 | -1.1263E-01 |
| 2.6 | -1.0435E-01 | -9.5886E-02 | -1.2995E-01 | -9.3868E-02 |
| 2.7 | -1.0268E-01 | -8.0625E-02 | -1.2522E-01 | -7.7046E-02 |
| 2.8 | -1.0012E-01 | -6.6773E-02 | -1.1988E-01 | -6.2018E-02 |
| 2.9 | -9.6826E-02 | -5.4262E-02 | -1.1407E-01 | -4.8649E-02 |
| 3.0 | -9.2954E-02 | -4.3019E-02 | -1.0792E-01 | -3.6811E-02 |
| 3.1 | -8.8633E-02 | -3.2971E-02 | -1.0155E-01 | -2.6384E-02 |
| 3.2 | -8.3978E-02 | -2.4044E-02 | -9.5055E-02 | -1.7254E-02 |
| 3.3 | -7.9088E-02 | -1.6165E-02 | -8.8522E-02 | -9.3134E-03 |
| 3.4 | -7.4051E-02 | -9.2604E-03 | -8.2021E-02 | -2.4613E-03 |
| 3.5 | -6.8944E-02 | -3.2585E-03 | -7.5614E-02 | 3.3982E-03 |
| 3.6 | -6.3830E-02 | 1.9105E-03 | -6.9352E-02 | 8.3554E-03 |
| 3.7 | -5.8765E-02 | 6.3149E-03 | -6.3275E-02 | 1.2495E-02 |
| 3.8 | -5.3795E-02 | 1.0020E-02 | -5.7419E-02 | 1.5897E-02 |
| 3.9 | -4.8959E-02 | 1.3089E-02 | -5.1810E-02 | 1.8636E-02 |
| 4.0 | -4.4289E-02 | 1.5581E-02 | -4.6469E-02 | 2.0782E-02 |
| 4.1 | -3.9809E-02 | 1.7555E-02 | -4.1410E-02 | 2.2400E-02 |
| 4.2 | -3.5539E-02 | 1.9064E-02 | -3.6644E-02 | 2.3551E-02 |
| 4.3 | -3.1494E-02 | 2.0158E-02 | -3.2177E-02 | 2.4291E-02 |
| 4.4 | -2.7683E-02 | 2.0886E-02 | -2.8011E-02 | 2.4672E-02 |
| 4.5 | -2.4114E-02 | 2.1292E-02 | -2.4144E-02 | 2.4741E-02 |
| 4.6 | -2.0789E-02 | 2.1418E-02 | -2.0574E-02 | 2.4543E-02 |
| 4.7 | -1.7709E-02 | 2.1301E-02 | -1.7293E-02 | 2.4119E-02 |
| 4.8 | -1.4870E-02 | 2.0978E-02 | -1.4295E-02 | 2.3503E-02 |
| 4.9 | -1.2268E-02 | 2.0480E-02 | -1.1568E-02 | 2.2731E-02 |
| 5.0 | -9.8976E-03 | 1.9837E-02 | -9.1038E-03 | 2.1832E-02 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | -9.8976E-03 | 1.9837E-02 | -9.1038E-03 | 2.1832E-02 |
| 5.1 | -7.7502E-03 | 1.9077E-02 | -6.8886E-03 | 2.0833E-02 |
| 5.2 | -5.8172E-03 | 1.8222E-02 | -4.9103E-03 | 1.9758E-02 |
| 5.3 | -4.0886E-03 | 1.7296E-02 | -3.1556E-03 | 1.8628E-02 |
| 5.4 | -2.5539E-03 | 1.6317E-02 | -1.6111E-03 | 1.7463E-02 |
| 5.5 | -1.2021E-03 | 1.5303E-02 | -2.6314E-04 | 1.6280E-02 |
| 5.6 | -2.1993E-05 | 1.4269E-02 | 9.0208E-04 | 1.5093E-02 |
| 5.7 | 9.9807E-04 | 1.3229E-02 | 1.8981E-03 | 1.3914E-02 |
| 5.8 | 1.8696E-03 | 1.2193E-02 | 2.7383E-03 | 1.2754E-02 |
| 5.9 | 2.6039E-03 | 1.1172E-02 | 3.4357E-03 | 1.1623E-02 |
| 6.0 | 3.2123E-03 | 1.0175E-02 | 4.0030E-03 | 1.0527E-02 |
| 6.1 | 3.7058E-03 | 9.2079E-03 | 4.4522E-03 | 9.4736E-03 |
| 6.2 | 4.0949E-03 | 8.2768E-03 | 4.7951E-03 | 8.4666E-03 |
| 6.3 | 4.3898E-03 | 7.3862E-03 | 5.0428E-03 | 7.5101E-03 |
| 6.4 | 4.6004E-03 | 6.5397E-03 | 5.2057E-03 | 6.6068E-03 |
| 6.5 | 4.7358E-03 | 5.7400E-03 | 5.2938E-03 | 5.7586E-03 |
| 6.6 | 4.8049E-03 | 4.9888E-03 | 5.3164E-03 | 4.9664E-03 |
| 6.7 | 4.8159E-03 | 4.2872E-03 | 5.2822E-03 | 4.2306E-03 |
| 6.8 | 4.7765E-03 | 3.6357E-03 | 5.1991E-03 | 3.5509E-03 |
| 6.9 | 4.6938E-03 | 3.0341E-03 | 5.0746E-03 | 2.9266E-03 |
| 7.0 | 4.5746E-03 | 2.4817E-03 | 4.9156E-03 | 2.3564E-03 |
| 7.1 | 4.4249E-03 | 1.9776E-03 | 4.7283E-03 | 1.8388E-03 |
| 7.2 | 4.2503E-03 | 1.5204E-03 | 4.5183E-03 | 1.3718E-03 |
| 7.3 | 4.0558E-03 | 1.1084E-03 | 4.2909E-03 | 9.5331E-04 |
| 7.4 | 3.8461E-03 | 7.3979E-04 | 4.0506E-03 | 5.8100E-04 |
| 7.5 | 3.6254E-03 | 4.1243E-04 | 3.8016E-03 | 2.5239E-04 |
| 7.6 | 3.3972E-03 | 1.2415E-04 | 3.5475E-03 | -3.5065E-05 |
| 7.7 | 3.1650E-03 | -1.2735E-04 | 3.2915E-03 | -2.8401E-04 |
| 7.8 | 2.9315E-03 | -3.4443E-04 | 3.0365E-03 | -4.9711E-04 |
| 7.9 | 2.6992E-03 | -5.2946E-04 | 2.7848E-03 | -6.7700E-04 |
| 8.0 | 2.4704E-03 | -6.8484E-04 | 2.5385E-03 | -8.2631E-04 |
| 8.1 | 2.2468E-03 | -8.1293E-04 | 2.2993E-03 | -9.4764E-04 |
| 8.2 | 2.0301E-03 | -9.1606E-04 | 2.0688E-03 | -1.0435E-03 |
| 8.3 | 1.8214E-03 | -9.9648E-04 | 1.8479E-03 | -1.1162E-03 |
| 8.4 | 1.6218E-03 | -1.0564E-03 | 1.6377E-03 | -1.1683E-03 |
| 8.5 | 1.4321E-03 | -1.0979E-03 | 1.4388E-03 | -1.2018E-03 |
| 8.6 | 1.2529E-03 | -1.1230E-03 | 1.2516E-03 | -1.2190E-03 |
| 8.7 | 1.0846E-03 | -1.1336E-03 | 1.0766E-03 | -1.2217E-03 |
| 8.8 | 9.2736E-04 | -1.1314E-03 | 9.1381E-04 | -1.2119E-03 |
| 8.9 | 7.8141E-04 | -1.1183E-03 | 7.6325E-04 | -1.1913E-03 |
| 9.0 | 6.44669E-04 | -1.0957E-03 | 6.2481E-04 | -1.1616E-03 |
| 9.1 | 5.2306E-04 | -1.0652E-03 | 4.9826E-04 | -1.1242E-03 |
| 9.2 | 4.1030E-04 | -1.0280E-03 | 3.8331E-04 | -1.0805E-03 |
| 9.3 | 3.0812E-04 | -9.8537E-04 | 2.7955E-04 | -1.0318E-03 |
| 9.4 | 2.1615E-04 | -9.3850E-04 | 1.8656E-04 | -9.7924E-04 |
| 9.5 | 1.3396E-04 | -8.8839E-04 | 1.0384E-04 | -9.2379E-04 |
| 9.6 | 6.1106E-05 | -8.3594E-04 | 3.0861E-05 | -8.6640E-04 |
| 9.7 | -2.9140E-06 | -7.8199E-04 | -3.2923E-05 | -8.0789E-04 |
| 9.8 | -5.8613E-05 | -7.2727E-04 | -8.8086E-05 | -7.4899E-04 |
| 9.9 | -1.0652E-04 | -6.7241E-04 | -1.3521E-04 | -6.9033E-04 |
| 10.0 | -1.4718E-04 | -6.1798E-04 | -1.7487E-04 | -6.3245E-04 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | -1.4718E-04 | -6.1798E-04 | -1.7487E-04 | -6.3245E-04 |
| 10.1 | -1.8112E-04 | -5.6446E-04 | -2.0766E-04 | -5.7583E-04 |
| 10.2 | -2.0888E-04 | -5.1226E-04 | -2.3415E-04 | -5.2086E-04 |
| 10.3 | -2.3099E-04 | -4.6173E-04 | -2.5489E-04 | -4.6786E-04 |
| 10.4 | -2.4796E-04 | -4.1315E-04 | -2.7042E-04 | -4.1710E-04 |
| 10.5 | -2.6029E-04 | -3.6674E-04 | -2.8128E-04 | -3.6879E-04 |
| 10.6 | -2.6846E-04 | -3.2269E-04 | -2.8795E-04 | -3.2309E-04 |
| 10.7 | -2.7292E-04 | -2.8113E-04 | -2.9093E-04 | -2.8011E-04 |
| 10.8 | -2.7411E-04 | -2.4213E-04 | -2.9065E-04 | -2.3992E-04 |
| 10.9 | -2.7245E-04 | -2.0577E-04 | -2.8754E-04 | -2.0255E-04 |
| 11.0 | -2.6831E-04 | -1.7204E-04 | -2.8200E-04 | -1.6801E-04 |
| 11.1 | -2.6205E-04 | -1.4096E-04 | -2.7439E-04 | -1.3626E-04 |
| 11.2 | -2.5401E-04 | -1.1247E-04 | -2.6507E-04 | -1.0726E-04 |
| 11.3 | -2.4450E-04 | -8.6534E-05 | -2.5434E-04 | -8.0941E-05 |
| 11.4 | -2.3381E-04 | -6.3072E-05 | -2.4249E-04 | -5.7212E-05 |
| 11.5 | -2.2218E-04 | -4.1997E-05 | -2.2977E-04 | -3.5972E-05 |
| 11.6 | -2.0985E-04 | -2.3209E-05 | -2.1643E-04 | -1.7108E-05 |
| 11.7 | -1.9704E-04 | -6.5998E-06 | -2.0268E-04 | -5.0027E-07 |
| 11.8 | -1.8393E-04 | 7.9481E-06 | -1.8871E-04 | 1.3980E-05 |
| 11.9 | -1.7069E-04 | 2.0556E-05 | -1.7467E-04 | 2.6466E-05 |
| 12.0 | -1.5747E-04 | 3.1349E-05 | -1.6073E-04 | 3.7090E-05 |
| 12.1 | -1.4439E-04 | 4.0455E-05 | -1.4699E-04 | 4.5988E-05 |
| 12.2 | -1.3156E-04 | 4.7999E-05 | -1.3357E-04 | 5.3295E-05 |
| 12.3 | -1.1908E-04 | 5.4109E-05 | -1.2056E-04 | 5.9143E-05 |
| 12.4 | -1.0702E-04 | 5.8908E-05 | -1.0803E-04 | 6.3664E-05 |
| 12.5 | -9.5456E-05 | 6.2516E-05 | -9.6050E-05 | 6.6982E-05 |
| 12.6 | -8.4428E-05 | 6.5051E-05 | -8.4660E-05 | 6.9219E-05 |
| 12.7 | -7.3978E-05 | 6.6624E-05 | -7.3896E-05 | 7.0493E-05 |
| 12.8 | -6.4135E-05 | 6.7345E-05 | -6.3785E-05 | 7.0914E-05 |
| 12.9 | -5.4918E-05 | 6.7313E-05 | -5.4340E-05 | 7.0588E-05 |
| 13.0 | -4.6337E-05 | 6.6626E-05 | -4.5570E-05 | 6.9612E-05 |
| 13.1 | -3.8394E-05 | 6.5375E-05 | -3.7473E-05 | 6.8080E-05 |
| 13.2 | -3.1087E-05 | 6.3643E-05 | -3.0043E-05 | 6.6078E-05 |
| 13.3 | -2.4404E-05 | 6.1508E-05 | -2.3266E-05 | 6.3686E-05 |
| 13.4 | -1.8333E-05 | 5.9043E-05 | -1.7125E-05 | 6.0976E-05 |
| 13.5 | -1.2854E-05 | 5.6314E-05 | -1.1600E-05 | 5.8015E-05 |
| 13.6 | -7.9454E-06 | 5.3381E-05 | -6.6645E-06 | 5.4865E-05 |
| 13.7 | -3.5827E-06 | 5.0299E-05 | -2.2925E-06 | 5.1581E-05 |
| 13.8 | 2.6117E-07 | 4.7116E-05 | 1.5457E-06 | 4.8210E-05 |
| 13.9 | 3.6146E-06 | 4.3878E-05 | 4.8807E-06 | 4.4798E-05 |
| 14.0 | 6.5073E-06 | 4.0622E-05 | 7.7439E-06 | 4.1383E-05 |
| 14.1 | 8.9695E-06 | 3.7382E-05 | 1.0168E-05 | 3.7998E-05 |
| 14.2 | 1.1032E-05 | 3.4188E-05 | 1.2185E-05 | 3.4673E-05 |
| 14.3 | 1.2726E-05 | 3.1065E-05 | 1.3827E-05 | 3.1432E-05 |
| 14.4 | 1.4080E-05 | 2.8035E-05 | 1.5125E-05 | 2.8297E-05 |
| 14.5 | 1.5126E-05 | 2.5116E-05 | 1.6112E-05 | 2.5283E-05 |
| 14.6 | 1.5892E-05 | 2.2321E-05 | 1.6816E-05 | 2.2406E-05 |
| 14.7 | 1.6406E-05 | 1.9662E-05 | 1.7268E-05 | 1.9675E-05 |
| 14.8 | 1.6695E-05 | 1.7148E-05 | 1.7494E-05 | 1.7099E-05 |
| 14.9 | 1.6785E-05 | 1.4785E-05 | 1.7521E-05 | 1.4683E-05 |
| 15.0 | 1.6700E-05 | 1.2577E-05 | 1.7374E-05 | 1.2430E-05 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | 1.6700E-05 | 1.2577E-05 | 1.7374E-05 | 1.2430E-05 |
| 15.1 | 1.6464E-05 | 1.0526E-05 | 1.7077E-05 | 1.0342E-05 |
| 15.2 | 1.6096E-05 | 8.6313E-06 | 1.6651E-05 | 8.4171E-06 |
| 15.3 | 1.5619E-05 | 6.8921E-06 | 1.6117E-05 | 6.6542E-06 |
| 15.4 | 1.5050E-05 | 5.3055E-06 | 1.5494E-05 | 5.0498E-06 |
| 15.5 | 1.4406E-05 | 3.8676E-06 | 1.4800E-05 | 3.5991E-06 |
| 15.6 | 1.3704E-05 | 2.5736E-06 | 1.4049E-05 | 2.2970E-06 |
| 15.7 | 1.2957E-05 | 1.4179E-06 | 1.3257E-05 | 1.1371E-06 |
| 15.8 | 1.2178E-05 | 3.9419E-07 | 1.2436E-05 | 1.1282E-07 |
| 15.9 | 1.1379E-05 | -5.0419E-07 | 1.1598E-05 | -7.8317E-07 |
| 16.0 | 1.0570E-05 | -1.2844E-06 | 1.0753E-05 | -1.5584E-06 |
| 16.1 | 9.7605E-06 | -1.9538E-06 | 9.9104E-06 | -2.2206E-06 |
| 16.2 | 8.9582E-06 | -2.5198E-06 | 9.0781E-06 | -2.7777E-06 |
| 16.3 | 8.1701E-06 | -2.9900E-06 | 8.2627E-06 | -3.2375E-06 |
| 16.4 | 7.4018E-06 | -3.3720E-06 | 7.4700E-06 | -3.6079E-06 |
| 16.5 | 6.6585E-06 | -3.6731E-06 | 6.7049E-06 | -3.8966E-06 |
| 16.6 | 5.9441E-06 | -3.9007E-06 | 5.9712E-06 | -4.1110E-06 |
| 16.7 | 5.2619E-06 | -4.0618E-06 | 5.2721E-06 | -4.2586E-06 |
| 16.8 | 4.6146E-06 | -4.1632E-06 | 4.6100E-06 | -4.3463E-06 |
| 16.9 | 4.0039E-06 | -4.2115E-06 | 3.9866E-06 | -4.3809E-06 |
| 17.0 | 3.4312E-06 | -4.2128E-06 | 3.4031E-06 | -4.3686E-06 |
| 17.1 | 2.8973E-06 | -4.1731E-06 | 2.8601E-06 | -4.3155E-06 |
| 17.2 | 2.4024E-06 | -4.0980E-06 | 2.3578E-06 | -4.2273E-06 |
| 17.3 | 1.9464E-06 | -3.9926E-06 | 1.8959E-06 | -4.1093E-06 |
| 17.4 | 1.5289E-06 | -3.8617E-06 | 1.4737E-06 | -3.9663E-06 |
| 17.5 | 1.1490E-06 | -3.7099E-06 | 1.0904E-06 | -3.8029E-06 |
| 17.6 | 8.0565E-07 | -3.5412E-06 | 7.4471E-07 | -3.6233E-06 |
| 17.7 | 4.9765E-07 | -3.3594E-06 | 4.3529E-07 | -3.4311E-06 |
| 17.8 | 2.2350E-07 | -3.1679E-06 | 1.6057E-07 | -3.2300E-06 |
| 17.9 | -1.8405E-08 | -2.9697E-06 | -8.1175E-08 | -3.0228E-06 |
| 18.0 | -2.2977E-07 | -2.7677E-06 | -2.9176E-07 | -2.8125E-06 |
| 18.1 | -4.1240E-07 | -2.5642E-06 | -4.7307E-07 | -2.6013E-06 |
| 18.2 | -5.6812E-07 | -2.3615E-06 | -6.2703E-07 | -2.3915E-06 |
| 18.3 | -6.9882E-07 | -2.1613E-06 | -7.5559E-07 | -2.1850E-06 |
| 18.4 | -8.0637E-07 | -1.9653E-06 | -8.6071E-07 | -1.9832E-06 |
| 18.5 | -8.9264E-07 | -1.7749E-06 | -9.4431E-07 | -1.7876E-06 |
| 18.6 | -9.5946E-07 | -1.5912E-06 | -1.0083E-06 | -1.5933E-06 |
| 18.7 | -1.0086E-06 | -1.4151E-06 | -1.0545E-06 | -1.4151E-06 |
| 18.8 | -1.0419E-06 | -1.2474E-06 | -1.0847E-06 | -1.2479E-06 |
| 18.9 | -1.0609E-06 | -1.0886E-06 | -1.1007E-06 | -1.0860E-06 |
| 19.0 | -1.0673E-06 | -9.3923E-07 | -1.1040E-06 | -9.3400E-07 |
| 19.1 | -1.0626E-06 | -7.9947E-07 | -1.0963E-06 | -7.9200E-07 |
| 19.2 | -1.0482E-06 | -6.6948E-07 | -1.0789E-06 | -6.6015E-07 |
| 19.3 | -1.0254E-06 | -5.4930E-07 | -1.0533E-06 | -5.3845E-07 |
| 19.4 | -9.9566E-07 | -4.3885E-07 | -1.0207E-06 | -4.2680E-07 |
| 19.5 | -9.5999E-07 | -3.3798E-07 | -9.8239E-07 | -3.2502E-07 |
| 19.6 | -9.1951E-07 | -2.4647E-07 | -9.3937E-07 | -2.3284E-07 |
| 19.7 | -8.7522E-07 | -1.6402E-07 | -8.9267E-07 | -1.4996E-07 |
| 19.8 | -8.2801E-07 | -9.0306E-08 | -8.4321E-07 | -7.6011E-08 |
| 19.9 | -7.7872E-07 | -2.4933E-08 | -7.9180E-07 | -1.0584E-08 |
| 20.0 | -7.2808E-07 | 3.2508E-08 | -7.3919E-07 | 4.6757E-08 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | INFINITY | -9.5993E-01 | INFINITY | - INFINITY |
| 0.1 | 2.4178E+00 | -9.5108E-01 | 5.6130E+00 | -8.2836E+00 |
| 0.2 | 1.7250E+00 | -9.3107E-01 | 2.6629E+00 | -4.2238E+00 |
| 0.3 | 1.3220E+00 | -9.0363E-01 | 1.6412E+00 | -2.8742E+00 |
| 0.4 | 1.0395E+00 | -8.7077E-01 | 1.1087E+00 | -2.1948E+00 |
| 0.5 | 8.2447E-01 | -8.3391E-01 | 7.7651E-01 | -1.7799E+00 |
| 0.6 | 6.5335E-01 | -7.9412E-01 | 5.4745E-01 | -1.4956E+00 |
| 0.7 | 5.1350E-01 | -7.5230E-01 | 3.7960E-01 | -1.2848E+00 |
| 0.8 | 3.9732E-01 | -7.0914E-01 | 2.5174E-01 | -1.1197E+00 |
| 0.9 | 2.9983E-01 | -6.6528E-01 | 1.5187E-01 | -9.8486E-01 |
| 1.0 | 2.1757E-01 | -6.2120E-01 | 7.2666E-02 | -8.7133E-01 |
| 1.1 | 1.4801E-01 | -5.7736E-01 | 9.3062E-03 | -7.7350E-01 |
| 1.2 | 8.9216E-02 | -5.3411E-01 | -4.1517E-02 | -6.8773E-01 |
| 1.3 | 3.9651E-02 | -4.9176E-01 | -8.2191E-02 | -6.1155E-01 |
| 1.4 | -1.9211E-03 | -4.5057E-01 | -1.1450E-01 | -5.4325E-01 |
| 1.5 | -3.6530E-02 | -4.1074E-01 | -1.3984E-01 | -4.8160E-01 |
| 1.6 | -6.5049E-02 | -3.7246E-01 | -1.5929E-01 | -4.2568E-01 |
| 1.7 | -8.8229E-02 | -3.3585E-01 | -1.7375E-01 | -3.7480E-01 |
| 1.8 | -1.0672E-01 | -3.0103E-01 | -1.8398E-01 | -3.2844E-01 |
| 1.9 | -1.2111E-01 | -2.6806E-01 | -1.9058E-01 | -2.8616E-01 |
| 2.0 | -1.3191E-01 | -2.3699E-01 | -1.9410E-01 | -2.4762E-01 |
| 2.1 | -1.3956E-01 | -2.0786E-01 | -1.9501E-01 | -2.1251E-01 |
| 2.2 | -1.4448E-01 | -1.8066E-01 | -1.9370E-01 | -1.8059E-01 |
| 2.3 | -1.4704E-01 | -1.5540E-01 | -1.9053E-01 | -1.5163E-01 |
| 2.4 | -1.4757E-01 | -1.3204E-01 | -1.8582E-01 | -1.2543E-01 |
| 2.5 | -1.4637E-01 | -1.1055E-01 | -1.7984E-01 | -1.0180E-01 |
| 2.6 | -1.4370E-01 | -9.0885E-02 | -1.7283E-01 | -8.0566E-02 |
| 2.7 | -1.3982E-01 | -7.2976E-02 | -1.6502E-01 | -6.1578E-02 |
| 2.8 | -1.3493E-01 | -5.6763E-02 | -1.5659E-01 | -4.4678E-02 |
| 2.9 | -1.2924E-01 | -4.2173E-02 | -1.4771E-01 | -2.9722E-02 |
| 3.0 | -1.2291E-01 | -2.9128E-02 | -1.3853E-01 | -1.6573E-02 |
| 3.1 | -1.1611E-01 | -1.7549E-02 | -1.2918E-01 | -5.0966E-03 |
| 3.2 | -1.0897E-01 | -7.3511E-03 | -1.1979E-01 | 4.8326E-03 |
| 3.3 | -1.0161E-01 | 1.5499E-03 | -1.1043E-01 | 1.3337E-02 |
| 3.4 | -9.4148E-02 | 9.2397E-03 | -1.0121E-01 | 2.0532E-02 |
| 3.5 | -8.6668E-02 | 1.5804E-02 | -9.2187E-02 | 2.6530E-02 |
| 3.6 | -7.9252E-02 | 2.1327E-02 | -8.3428E-02 | 3.1436E-02 |
| 3.7 | -7.1968E-02 | 2.5893E-02 | -7.4981E-02 | 3.5353E-02 |
| 3.8 | -6.4876E-02 | 2.9583E-02 | -6.6889E-02 | 3.8377E-02 |
| 3.9 | -5.8022E-02 | 3.2475E-02 | -5.9182E-02 | 4.0598E-02 |
| 4.0 | -5.1447E-02 | 3.4646E-02 | -5.1884E-02 | 4.2103E-02 |
| 4.1 | -4.5182E-02 | 3.6169E-02 | -4.5014E-02 | 4.2973E-02 |
| 4.2 | -3.9250E-02 | 3.7114E-02 | -3.8583E-02 | 4.3284E-02 |
| 4.3 | -3.3669E-02 | 3.7546E-02 | -3.2595E-02 | 4.3108E-02 |
| 4.4 | -2.8451E-02 | 3.7529E-02 | -2.7052E-02 | 4.2510E-02 |
| 4.5 | -2.3603E-02 | 3.7121E-02 | -2.1951E-02 | 4.1551E-02 |
| 4.6 | -1.9126E-02 | 3.6376E-02 | -1.7285E-02 | 4.0290E-02 |
| 4.7 | -1.5018E-02 | 3.5347E-02 | -1.3042E-02 | 3.8777E-02 |
| 4.8 | -1.1275E-02 | 3.4080E-02 | -9.2113E-03 | 3.7060E-02 |
| 4.9 | -7.8867E-03 | 3.2619E-02 | -5.7765E-03 | 3.5184E-02 |
| 5.0 | -4.8438E-03 | 3.1003E-02 | -2.7210E-03 | 3.3187E-02 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | -4.8438E-03 | 3.1003E-02 | -2.7210E-03 | 3.3187E-02 |
| 5.1 | -2.1330E-03 | 2.9269E-02 | -2.6478E-05 | 3.1105E-02 |
| 5.2 | 2.6021E-04 | 2.7449E-02 | 2.3265E-03 | 2.8969E-02 |
| 5.3 | 2.3516E-03 | 2.5574E-02 | 4.3581E-03 | 2.6808E-02 |
| 5.4 | 4.1579E-03 | 2.3668E-02 | 6.0890E-03 | 2.4646E-02 |
| 5.5 | 5.6968E-03 | 2.1756E-02 | 7.5402E-03 | 2.2505E-02 |
| 5.6 | 6.9860E-03 | 1.9858E-02 | 8.7326E-03 | 2.0404E-02 |
| 5.7 | 8.0439E-03 | 1.7990E-02 | 9.6871E-03 | 1.8359E-02 |
| 5.8 | 8.8886E-03 | 1.6169E-02 | 1.0424E-02 | 1.6383E-02 |
| 5.9 | 9.5381E-03 | 1.4407E-02 | 1.0964E-02 | 1.4486E-02 |
| 6.0 | 1.0010E-02 | 1.2714E-02 | 1.1325E-02 | 1.2679E-02 |
| 6.1 | 1.0322E-02 | 1.1100E-02 | 1.1527E-02 | 1.0967E-02 |
| 6.2 | 1.0490E-02 | 9.5698E-03 | 1.1587E-02 | 9.3563E-03 |
| 6.3 | 1.0531E-02 | 8.1295E-03 | 1.1523E-02 | 7.8498E-03 |
| 6.4 | 1.0459E-02 | 6.7824E-03 | 1.1350E-02 | 6.4497E-03 |
| 6.5 | 1.0290E-02 | 5.5306E-03 | 1.1085E-02 | 5.1568E-03 |
| 6.6 | 1.0037E-02 | 4.3750E-03 | 1.0740E-02 | 3.9705E-03 |
| 6.7 | 9.7125E-03 | 3.3154E-03 | 1.0329E-02 | 2.8896E-03 |
| 6.8 | 9.3291E-03 | 2.3508E-03 | 9.8642E-03 | 1.9119E-03 |
| 6.9 | 8.8977E-03 | 1.4793E-03 | 9.3572E-03 | 1.0342E-03 |
| 7.0 | 8.4284E-03 | 6.9821E-04 | 8.8179E-03 | 2.5319E-04 |
| 7.1 | 7.9306E-03 | 4.4444E-06 | 8.2557E-03 | -4.3535E-04 |
| 7.2 | 7.4127E-03 | -6.0567E-04 | 7.6790E-03 | -1.0359E-03 |
| 7.3 | 6.8824E-03 | -1.1362E-03 | 7.0952E-03 | -1.5532E-03 |
| 7.4 | 6.3465E-03 | -1.5914E-03 | 6.5110E-03 | -1.9922E-03 |
| 7.5 | 5.8110E-03 | -1.9759E-03 | 5.9323E-03 | -2.3583E-03 |
| 7.6 | 5.2813E-03 | -2.2943E-03 | 5.3640E-03 | -2.6565E-03 |
| 7.7 | 4.7619E-03 | -2.5515E-03 | 4.8107E-03 | -2.8921E-03 |
| 7.8 | 4.2568E-03 | -2.7523E-03 | 4.2759E-03 | -3.0705E-03 |
| 7.9 | 3.7693E-03 | -2.9014E-03 | 3.7628E-03 | -3.1968E-03 |
| 8.0 | 3.3022E-03 | -3.0036E-03 | 3.2737E-03 | -3.2759E-03 |
| 8.1 | 2.8577E-03 | -3.0635E-03 | 2.8106E-03 | -3.3129E-03 |
| 8.2 | 2.4376E-03 | -3.0855E-03 | 2.3750E-03 | -3.3125E-03 |
| 8.3 | 2.0430E-03 | -3.0740E-03 | 1.9678E-03 | -3.2790E-03 |
| 8.4 | 1.6749E-03 | -3.0330E-03 | 1.5897E-03 | -3.2169E-03 |
| 8.5 | 1.3337E-03 | -2.9666E-03 | 1.2409E-03 | -3.1302E-03 |
| 8.6 | 1.0197E-03 | -2.8785E-03 | 9.2141E-04 | -3.0227E-03 |
| 8.7 | 7.3272E-04 | -2.7720E-03 | 6.3080E-04 | -2.8979E-03 |
| 8.8 | 4.7241E-04 | -2.6504E-03 | 3.6849E-04 | -2.7592E-03 |
| 8.9 | 2.3818E-04 | -2.5168E-03 | 1.3371E-04 | -2.6095E-03 |
| 9.0 | 2.9271E-05 | -2.3739E-03 | -7.4511E-05 | -2.4517E-03 |
| 9.1 | -1.5526E-04 | -2.2241E-03 | -2.5729E-04 | -2.2883E-03 |
| 9.2 | -3.1648E-04 | -2.0699E-03 | -4.1585E-04 | -2.1216E-03 |
| 9.3 | -4.5554E-04 | -1.9133E-03 | -5.5151E-04 | -1.9535E-03 |
| 9.4 | -5.7368E-04 | -1.7560E-03 | -6.6566E-04 | -1.7860E-03 |
| 9.5 | -6.7222E-04 | -1.5999E-03 | -7.5972E-04 | -1.6206E-03 |
| 9.6 | -7.5248E-04 | -1.4461E-03 | -8.3514E-04 | -1.4586E-03 |
| 9.7 | -8.1584E-04 | -1.2961E-03 | -8.9340E-04 | -1.3014E-03 |
| 9.8 | -8.6365E-04 | -1.1508E-03 | -9.3596E-04 | -1.1498E-03 |
| 9.9 | -8.9729E-04 | -1.0111E-03 | -9.6424E-04 | -1.0047E-03 |
| 10.0 | -9.1808E-04 | -8.7778E-04 | -9.7966E-04 | -8.6668E-04 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | -9.1808E-04 | -8.7778E-04 | -9.7966E-04 | -8.6668E-04 |
| 10.1 | -9.2732E-04 | -7.5136E-04 | -9.8358E-04 | -7.3636E-04 |
| 10.2 | -9.2630E-04 | -6.3230E-04 | -9.7733E-04 | -6.1408E-04 |
| 10.3 | -9.1621E-04 | -5.2089E-04 | -9.6216E-04 | -5.0010E-04 |
| 10.4 | -8.9823E-04 | -4.1734E-04 | -9.3927E-04 | -3.9455E-04 |
| 10.5 | -8.7346E-04 | -3.2176E-04 | -9.0979E-04 | -2.9748E-04 |
| 10.6 | -8.4294E-04 | -2.3416E-04 | -8.7480E-04 | -2.0884E-04 |
| 10.7 | -8.0764E-04 | -1.5445E-04 | -8.3527E-04 | -1.2852E-04 |
| 10.8 | -7.6846E-04 | -8.2513E-05 | -7.9214E-04 | -5.6334E-05 |
| 10.9 | -7.2626E-04 | -1.8140E-05 | -7.4624E-04 | 7.9729E-06 |
| 11.0 | -6.8180E-04 | 3.8919E-05 | -6.9835E-04 | 6.4690E-05 |
| 11.1 | -6.3578E-04 | 8.8954E-05 | -6.4917E-04 | 1.1415E-04 |
| 11.2 | -5.8883E-04 | 1.3229E-04 | -5.9934E-04 | 1.5671E-04 |
| 11.3 | -5.4153E-04 | 1.6929E-04 | -5.4943E-04 | 1.9277E-04 |
| 11.4 | -4.9438E-04 | 2.0032E-04 | -4.9992E-04 | 2.2274E-04 |
| 11.5 | -4.4783E-04 | 2.2577E-04 | -4.5126E-04 | 2.4702E-04 |
| 11.6 | -4.0226E-04 | 2.4605E-04 | -4.0383E-04 | 2.6605E-04 |
| 11.7 | -3.5802E-04 | 2.6154E-04 | -3.5794E-04 | 2.8025E-04 |
| 11.8 | -3.1537E-04 | 2.7267E-04 | -3.1387E-04 | 2.9005E-04 |
| 11.9 | -2.7456E-04 | 2.7982E-04 | -2.7184E-04 | 2.9586E-04 |
| 12.0 | -2.3577E-04 | 2.8340E-04 | -2.3201E-04 | 2.9810E-04 |
| 12.1 | -1.9915E-04 | 2.8376E-04 | -1.9453E-04 | 2.9714E-04 |
| 12.2 | -1.6480E-04 | 2.8130E-04 | -1.5949E-04 | 2.9338E-04 |
| 12.3 | -1.3281E-04 | 2.7635E-04 | -1.2694E-04 | 2.8718E-04 |
| 12.4 | -1.0320E-04 | 2.6926E-04 | -9.6918E-05 | 2.7888E-04 |
| 12.5 | -7.6001E-05 | 2.6034E-04 | -6.9421E-05 | 2.6881E-04 |
| 12.6 | -5.1192E-05 | 2.4989E-04 | -4.4425E-05 | 2.5726E-04 |
| 12.7 | -2.8743E-05 | 2.3820E-04 | -2.1885E-05 | 2.4453E-04 |
| 12.8 | -8.5992E-06 | 2.2551E-04 | -1.7351E-06 | 2.3088E-04 |
| 12.9 | 9.3072E-06 | 2.1207E-04 | 1.6104E-05 | 2.1654E-04 |
| 13.0 | 2.5059E-05 | 1.9810E-04 | 3.1725E-05 | 2.0174E-04 |
| 13.1 | 3.8752E-05 | 1.8380E-04 | 4.5232E-05 | 1.8667E-04 |
| 13.2 | 5.0489E-05 | 1.6933E-04 | 5.6739E-05 | 1.7151E-04 |
| 13.3 | 6.0380E-05 | 1.5488E-04 | 6.6363E-05 | 1.5642E-04 |
| 13.4 | 6.8542E-05 | 1.4056E-04 | 7.4229E-05 | 1.4155E-04 |
| 13.5 | 7.5095E-05 | 1.2651E-04 | 8.0463E-05 | 1.2700E-04 |
| 13.6 | 8.0158E-05 | 1.1284E-04 | 8.5192E-05 | 1.1288E-04 |
| 13.7 | 8.3855E-05 | 9.9637E-05 | 8.8544E-05 | 9.9285E-05 |
| 13.8 | 8.6307E-05 | 8.6970E-05 | 9.0645E-05 | 8.6284E-05 |
| 13.9 | 8.7632E-05 | 7.4906E-05 | 9.1619E-05 | 7.3935E-05 |
| 14.0 | 8.7948E-05 | 6.3493E-05 | 9.1586E-05 | 6.2283E-05 |
| 14.1 | 8.7367E-05 | 5.2767E-05 | 9.0662E-05 | 5.1362E-05 |
| 14.2 | 8.5998E-05 | 4.2755E-05 | 8.8959E-05 | 4.1194E-05 |
| 14.3 | 8.3945E-05 | 3.3471E-05 | 8.6582E-05 | 3.1791E-05 |
| 14.4 | 8.1306E-05 | 2.4924E-05 | 8.3634E-05 | 2.3157E-05 |
| 14.5 | 7.8174E-05 | 1.7111E-05 | 8.0208E-05 | 1.5287E-05 |
| 14.6 | 7.4637E-05 | 1.0026E-05 | 7.6392E-05 | 8.1709E-06 |
| 14.7 | 7.0776E-05 | 3.6532E-06 | 7.2268E-05 | 1.7907E-06 |
| 14.8 | 6.6664E-05 | -2.0265E-06 | 6.7912E-05 | -3.8760E-06 |
| 14.9 | -6.2372E-05 | -7.0370E-06 | 6.3393E-05 | -8.8558E-06 |
| 15.0 | 5.7961E-05 | -1.1406E-05 | 5.8773E-05 | -1.3179E-05 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | 5.7961E-05 | -1.1406E-05 | 5.8773E-05 | -1.3179E-05 |
| 15.1 | 5.3489E-05 | -1.5165E-05 | 5.4109E-05 | -1.6879E-05 |
| 15.2 | 4.9005E-05 | -1.8346E-05 | 4.9452E-05 | -1.9991E-05 |
| 15.3 | 4.4555E-05 | -2.0985E-05 | 4.4845E-05 | -2.2552E-05 |
| 15.4 | 4.0178E-05 | -2.3118E-05 | 4.0329E-05 | -2.4601E-05 |
| 15.5 | 3.5909E-05 | -2.4782E-05 | 3.5935E-05 | -2.6176E-05 |
| 15.6 | 3.1776E-05 | -2.6015E-05 | 3.1694E-05 | -2.7316E-05 |
| 15.7 | 2.7805E-05 | -2.6854E-05 | 2.7629E-05 | -2.8060E-05 |
| 15.8 | 2.4016E-05 | -2.7335E-05 | 2.3759E-05 | -2.8446E-05 |
| 15.9 | 2.0424E-05 | -2.7495E-05 | 2.0099E-05 | -2.8511E-05 |
| 16.0 | 1.7042E-05 | -2.7368E-05 | 1.6662E-05 | -2.8291E-05 |
| 16.1 | 1.3880E-05 | -2.6990E-05 | 1.3454E-05 | -2.7821E-05 |
| 16.2 | 1.0942E-05 | -2.6392E-05 | 1.0482E-05 | -2.7134E-05 |
| 16.3 | 8.2326E-06 | -2.5605E-05 | 7.7463E-06 | -2.6262E-05 |
| 16.4 | 5.7510E-06 | -2.4658E-05 | 5.2471E-06 | -2.5233E-05 |
| 16.5 | 3.4957E-06 | -2.3578E-05 | 2.9816E-06 | -2.4077E-05 |
| 16.6 | 1.4629E-06 | -2.2392E-05 | 9.4521E-07 | -2.2818E-05 |
| 16.7 | -3.5307E-07 | -2.1123E-05 | -8.6852E-07 | -2.1480E-05 |
| 16.8 | -1.9592E-06 | -1.9793E-05 | -2.4673E-06 | -2.0086E-05 |
| 16.9 | -3.3637E-06 | -1.8421E-05 | -3.8602E-06 | -1.8656E-05 |
| 17.0 | -4.5760E-06 | -1.7026E-05 | -5.0572E-06 | -1.7207E-05 |
| 17.1 | -5.6061E-06 | -1.5624E-05 | -6.0689E-06 | -1.5756E-05 |
| 17.2 | -6.4647E-06 | -1.4229E-05 | -6.9066E-06 | -1.4316E-05 |
| 17.3 | -7.1630E-06 | -1.2854E-05 | -7.5820E-06 | -1.2902E-05 |
| 17.4 | -7.7125E-06 | -1.1510E-05 | -8.1071E-06 | -1.1523E-05 |
| 17.5 | -8.1247E-06 | -1.0207E-05 | -8.4938E-06 | -1.0188E-05 |
| 17.6 | -8.4111E-06 | -8.9523E-06 | -8.7542E-06 | -8.9066E-06 |
| 17.7 | -8.5834E-06 | -7.7529E-06 | -8.9000E-06 | -7.6840E-06 |
| 17.8 | -8.6528E-06 | -6.6143E-06 | -8.9429E-06 | -6.5257E-06 |
| 17.9 | -8.6302E-06 | -5.5404E-06 | -8.8942E-06 | -5.4355E-06 |
| 18.0 | -8.5264E-06 | -4.5344E-06 | -8.7648E-06 | -4.4162E-06 |
| 18.1 | -8.3516E-06 | -3.5984E-06 | -8.5650E-06 | -3.4698E-06 |
| 18.2 | -8.1155E-06 | -2.7334E-06 | -8.3048E-06 | -2.5970E-06 |
| 18.3 | -7.8274E-06 | -1.9399E-06 | -7.9936E-06 | -1.7980E-06 |
| 18.4 | -7.4959E-06 | -1.2173E-06 | -7.6402E-06 | -1.0721E-06 |
| 18.5 | -7.1292E-06 | -5.6475E-07 | -7.2528E-06 | -4.1813E-07 |
| 18.6 | -6.7348E-06 | 1.9479E-08 | -6.8389E-06 | 1.6584E-07 |
| 18.7 | -6.3197E-06 | 5.3742E-07 | -6.4057E-06 | 6.8205E-07 |
| 18.8 | -5.8903E-06 | 9.9157E-07 | -5.9594E-06 | 1.1332E-06 |
| 18.9 | -5.4522E-06 | 1.3848E-06 | -5.5060E-06 | 1.5223E-06 |
| 19.0 | -5.0109E-06 | 1.7201E-06 | -5.0505E-06 | 1.8526E-06 |
| 19.1 | -4.5708E-06 | 2.0008E-06 | -4.5976E-06 | 2.1276E-06 |
| 19.2 | -4.1362E-06 | 2.2304E-06 | -4.1515E-06 | 2.3509E-06 |
| 19.3 | -3.7105E-06 | 2.4124E-06 | -3.7156E-06 | 2.5261E-06 |
| 19.4 | -3.2970E-06 | 2.5505E-06 | -3.2930E-06 | 2.6571E-06 |
| 19.5 | -2.8983E-06 | 2.6483E-06 | -2.8864E-06 | 2.7475E-06 |
| 19.6 | -2.5165E-06 | 2.7094E-06 | -2.4977E-06 | 2.8012E-06 |
| 19.7 | -2.1534E-06 | 2.7374E-06 | -2.1288E-06 | 2.8216E-06 |
| 19.8 | -1.8104E-06 | 2.7357E-06 | -1.7810E-06 | 2.8125E-06 |
| 19.9 | -1.4886E-06 | 2.7076E-06 | -1.4552E-06 | 2.7771E-06 |
| 20.0 | -1.1887E-06 | 2.6566E-06 | -1.1522E-06 | 2.7189E-06 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | INFINITY | -1.0472E+00 | INFINITY | - INFINITY |
| 0.1 | 2.4165E+00 | -1.0385E+00 | 4.8819E+00 | -8.7605E+00 |
| 0.2 | 1.7207E+00 | -1.0184E+00 | 2.2995E+00 | -4.4710E+00 |
| 0.3 | 1.3139E+00 | -9.9046E-01 | 1.3985E+00 | -3.0464E+00 |
| 0.4 | 1.0270E+00 | -9.5652E-01 | 9.2451E-01 | -2.3298E+00 |
| 0.5 | 8.0723E-01 | -9.1800E-01 | 6.2570E-01 | -1.8925E+00 |
| 0.6 | 6.3123E-01 | -8.7597E-01 | 4.1753E-01 | -1.5927E+00 |
| 0.7 | 4.8652E-01 | -8.3133E-01 | 2.6351E-01 | -1.3701E+00 |
| 0.8 | 3.6561E-01 | -7.8483E-01 | 1.4517E-01 | -1.1954E+00 |
| 0.9 | 2.6364E-01 | -7.3714E-01 | 5.2088E-02 | -1.0522E+00 |
| 1.0 | 1.7721E-01 | -6.8881E-01 | -2.2125E-02 | -9.3107E-01 |
| 1.1 | 1.0387E-01 | -6.4035E-01 | -8.1652E-02 | -8.2621E-01 |
| 1.2 | 4.1722E-02 | -5.9218E-01 | -1.2939E-01 | -7.3378E-01 |
| 1.3 | -1.0729E-02 | -5.4468E-01 | -1.6743E-01 | -6.5123E-01 |
| 1.4 | -5.4699E-02 | -4.9816E-01 | -1.9736E-01 | -5.7678E-01 |
| 1.5 | -9.1207E-02 | -4.5290E-01 | -2.2042E-01 | -5.0919E-01 |
| 1.6 | -1.2112E-01 | -4.0914E-01 | -2.3759E-01 | -4.4754E-01 |
| 1.7 | -1.4520E-01 | -3.6705E-01 | -2.4972E-01 | -3.9116E-01 |
| 1.8 | -1.6411E-01 | -3.2681E-01 | -2.5748E-01 | -3.3951E-01 |
| 1.9 | -1.7844E-01 | -2.8854E-01 | -2.6149E-01 | -2.9220E-01 |
| 2.0 | -1.8874E-01 | -2.5233E-01 | -2.6225E-01 | -2.4889E-01 |
| 2.1 | -1.9548E-01 | -2.1825E-01 | -2.6024E-01 | -2.0931E-01 |
| 2.2 | -1.9911E-01 | -1.8633E-01 | -2.5585E-01 | -1.7320E-01 |
| 2.3 | -2.0002E-01 | -1.5661E-01 | -2.4946E-01 | -1.4037E-01 |
| 2.4 | -1.9859E-01 | -1.2909E-01 | -2.4139E-01 | -1.1063E-01 |
| 2.5 | -1.9515E-01 | -1.0373E-01 | -2.3194E-01 | -8.3792E-02 |
| 2.6 | -1.9001E-01 | -8.0521E-02 | -2.2137E-01 | -5.9697E-02 |
| 2.7 | -1.8345E-01 | -5.9403E-02 | -2.0993E-01 | -3.8185E-02 |
| 2.8 | -1.7571E-01 | -4.0320E-02 | -1.9783E-01 | -1.9104E-02 |
| 2.9 | -1.6705E-01 | -2.3203E-02 | -1.8527E-01 | -2.3052E-03 |
| 3.0 | -1.5765E-01 | -7.9727E-03 | -1.7242E-01 | 1.2356E-02 |
| 3.1 | -1.4772E-01 | 5.4554E-03 | -1.5944E-01 | 2.5021E-02 |
| 3.2 | -1.3743E-01 | 1.7172E-02 | -1.4646E-01 | 3.5828E-02 |
| 3.3 | -1.2692E-01 | 2.7273E-02 | -1.3361E-01 | 4.4912E-02 |
| 3.4 | -1.1633E-01 | 3.5856E-02 | -1.2098E-01 | 5.2405E-02 |
| 3.5 | -1.0578E-01 | 4.3021E-02 | -1.0868E-01 | 5.8435E-02 |
| 3.6 | -9.5374E-02 | 4.8869E-02 | -9.6766E-02 | 6.3127E-02 |
| 3.7 | -8.5198E-02 | 5.3502E-02 | -8.5317E-02 | 6.6600E-02 |
| 3.8 | -7.5330E-02 | 5.7020E-02 | -7.4383E-02 | 6.8971E-02 |
| 3.9 | -6.5833E-02 | 5.9521E-02 | -6.4006E-02 | 7.0352E-02 |
| 4.0 | -5.6760E-02 | 6.1102E-02 | -5.4217E-02 | 7.0849E-02 |
| 4.1 | -4.8152E-02 | 6.1857E-02 | -4.5042E-02 | 7.0563E-02 |
| 4.2 | -4.0043E-02 | 6.1877E-02 | -3.6495E-02 | 6.9592E-02 |
| 4.3 | -3.2455E-02 | 6.1248E-02 | -2.8584E-02 | 6.8027E-02 |
| 4.4 | -2.5406E-02 | 6.0052E-02 | -2.1311E-02 | 6.5953E-02 |
| 4.5 | -1.8903E-02 | 5.8369E-02 | -1.4671E-02 | 6.3450E-02 |
| 4.6 | -1.2949E-02 | 5.6272E-02 | -8.6548E-03 | 6.0594E-02 |
| 4.7 | -7.5402E-03 | 5.3831E-02 | -3.2479E-03 | 5.7453E-02 |
| 4.8 | -2.6692E-03 | 5.1110E-02 | 1.5679E-03 | 5.4092E-02 |
| 4.9 | 1.6769E-03 | 4.8169E-02 | 5.8139E-03 | 5.0569E-02 |
| 5.0 | 5.5142E-03 | 4.5064E-02 | 9.5146E-03 | 4.6938E-02 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | 5.5142E-03 | 4.5064E-02 | 9.5146E-03 | 4.6938E-02 |
| 5.1 | 8.8622E-03 | 4.1843E-02 | 1.2696E-02 | 4.3246E-02 |
| 5.2 | 1.1743E-02 | 3.8554E-02 | 1.5388E-02 | 3.9536E-02 |
| 5.3 | 1.4180E-02 | 3.5238E-02 | 1.7618E-02 | 3.5848E-02 |
| 5.4 | 1.6199E-02 | 3.1930E-02 | 1.9419E-02 | 3.2214E-02 |
| 5.5 | 1.7826E-02 | 2.8663E-02 | 2.0820E-02 | 2.8665E-02 |
| 5.6 | 1.9091E-02 | 2.5466E-02 | 2.1854E-02 | 2.5226E-02 |
| 5.7 | 2.0020E-02 | 2.2363E-02 | 2.2552E-02 | 2.1917E-02 |
| 5.8 | 2.0641E-02 | 1.9374E-02 | 2.2944E-02 | 1.8758E-02 |
| 5.9 | 2.0984E-02 | 1.6518E-02 | 2.3062E-02 | 1.5762E-02 |
| 6.0 | 2.1074E-02 | 1.3808E-02 | 2.2935E-02 | 1.2941E-02 |
| 6.1 | 2.0940E-02 | 1.1255E-02 | 2.2591E-02 | 1.0302E-02 |
| 6.2 | 2.0608E-02 | 8.8670E-03 | 2.2058E-02 | 7.8521E-03 |
| 6.3 | 2.0103E-02 | 6.6504E-03 | 2.1363E-02 | 5.5935E-03 |
| 6.4 | 1.9449E-02 | 4.6082E-03 | 2.0530E-02 | 3.5275E-03 |
| 6.5 | 1.8668E-02 | 2.7419E-03 | 1.9582E-02 | 1.6532E-03 |
| 6.6 | 1.7784E-02 | 1.0507E-03 | 1.8542E-02 | -3.2119E-05 |
| 6.7 | 1.6815E-02 | -4.6759E-04 | 1.7431E-02 | -1.5327E-03 |
| 6.8 | 1.5781E-02 | -1.8166E-03 | 1.6266E-02 | -2.8541E-03 |
| 6.9 | 1.4700E-02 | -3.0013E-03 | 1.5065E-02 | -4.0029E-03 |
| 7.0 | 1.3586E-02 | -4.0278E-03 | 1.3844E-02 | -4.9866E-03 |
| 7.1 | 1.2456E-02 | -4.9030E-03 | 1.2618E-02 | -5.8137E-03 |
| 7.2 | 1.1322E-02 | -5.6345E-03 | 1.1398E-02 | -6.4931E-03 |
| 7.3 | 1.0195E-02 | -6.2307E-03 | 1.0196E-02 | -7.0341E-03 |
| 7.4 | 9.0871E-03 | -6.7002E-03 | 9.0229E-03 | -7.4465E-03 |
| 7.5 | 8.0061E-03 | -7.0519E-03 | 7.8860E-03 | -7.7401E-03 |
| 7.6 | 6.9603E-03 | -7.2951E-03 | 6.7928E-03 | -7.9249E-03 |
| 7.7 | 5.9562E-03 | -7.4390E-03 | 5.7494E-03 | -8.0109E-03 |
| 7.8 | 4.9995E-03 | -7.4929E-03 | 4.7608E-03 | -8.0078E-03 |
| 7.9 | 4.0945E-03 | -7.4659E-03 | 3.8307E-03 | -7.9254E-03 |
| 8.0 | 3.2447E-03 | -7.3668E-03 | 2.9620E-03 | -7.7729E-03 |
| 8.1 | 2.4527E-03 | -7.2045E-03 | 2.1567E-03 | -7.5593E-03 |
| 8.2 | 1.7201E-03 | -6.9872E-03 | 1.4159E-03 | -7.2934E-03 |
| 8.3 | 1.0480E-03 | -6.7230E-03 | 7.3998E-04 | -6.9833E-03 |
| 8.4 | 4.3657E-04 | -6.4195E-03 | 1.2863E-04 | -6.6369E-03 |
| 8.5 | -1.1460E-04 | -6.0839E-03 | -4.1901E-04 | -6.2613E-03 |
| 8.6 | -6.0641E-04 | -5.7230E-03 | -9.0436E-04 | -5.8635E-03 |
| 8.7 | -1.0403E-03 | -5.3429E-03 | -1.3293E-03 | -5.4496E-03 |
| 8.8 | -1.4181E-03 | -4.9496E-03 | -1.6960E-03 | -5.0256E-03 |
| 8.9 | -1.7419E-03 | -4.5483E-03 | -2.0071E-03 | -4.5965E-03 |
| 9.0 | -2.0144E-03 | -4.1438E-03 | -2.2655E-03 | -4.1672E-03 |
| 9.1 | -2.2381E-03 | -3.7405E-03 | -2.4741E-03 | -3.7420E-03 |
| 9.2 | -2.4161E-03 | -3.3423E-03 | -2.6363E-03 | -3.3245E-03 |
| 9.3 | -2.5513E-03 | -2.9526E-03 | -2.7552E-03 | -2.9180E-03 |
| 9.4 | -2.6470E-03 | -2.5742E-03 | -2.8344E-03 | -2.5254E-03 |
| 9.5 | -2.7064E-03 | -2.2099E-03 | -2.8772E-03 | -2.1491E-03 |
| 9.6 | -2.7326E-03 | -1.8616E-03 | -2.8871E-03 | -1.7910E-03 |
| 9.7 | -2.7290E-03 | -1.5312E-03 | -2.8674E-03 | -1.4528E-03 |
| 9.8 | -2.6986E-03 | -1.2201E-03 | -2.8214E-03 | -1.1356E-03 |
| 9.9 | -2.6445E-03 | -9.2927E-04 | -2.7523E-03 | -8.4044E-04 |
| 10.0 | -2.5699E-03 | -6.5953E-04 | -2.6633E-03 | -5.6782E-04 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | -2.5699E-03 | -6.5953E-04 | -2.6633E-03 | -5.6782E-04 |
| 10.1 | -2.4775E-03 | -4.1131E-04 | -2.5573E-03 | -3.1807E-04 |
| 10.2 | -2.3701E-03 | -1.8482E-04 | -2.4371E-03 | -9.1256E-05 |
| 10.3 | -2.2504E-03 | 1.9977E-05 | -2.3053E-03 | 1.1281E-04 |
| 10.4 | -2.1209E-03 | 2.0331E-04 | -2.1646E-03 | 2.9450E-04 |
| 10.5 | -1.9837E-03 | 3.6562E-04 | -2.0172E-03 | 4.5437E-04 |
| 10.6 | -1.8411E-03 | 5.0748E-04 | -1.8652E-03 | 5.9314E-04 |
| 10.7 | -1.6951E-03 | 6.2962E-04 | -1.7106E-03 | 7.1163E-04 |
| 10.8 | -1.5474E-03 | 7.3289E-04 | -1.5552E-03 | 8.1080E-04 |
| 10.9 | -1.3997E-03 | 8.1823E-04 | -1.4006E-03 | 8.9170E-04 |
| 11.0 | -1.2533E-03 | 8.8666E-04 | -1.2482E-03 | 9.5543E-04 |
| 11.1 | -1.1097E-03 | 9.3926E-04 | -1.0994E-03 | 1.0031E-03 |
| 11.2 | -9.7001E-04 | 9.7715E-04 | -9.5512E-04 | 1.0360E-03 |
| 11.3 | -8.3509E-04 | 1.0015E-03 | -8.1637E-04 | 1.0553E-03 |
| 11.4 | -7.0583E-04 | 1.0134E-03 | -6.8394E-04 | 1.0623E-03 |
| 11.5 | -5.8291E-04 | 1.0141E-03 | -5.5845E-04 | 1.0580E-03 |
| 11.6 | -4.6689E-04 | 1.0047E-03 | -4.4043E-04 | 1.0438E-03 |
| 11.7 | -3.5820E-04 | 9.8638E-04 | -3.3026E-04 | 1.0208E-03 |
| 11.8 | -2.5714E-04 | 9.6019E-04 | -2.2819E-04 | 9.9014E-04 |
| 11.9 | -1.6394E-04 | 9.2723E-04 | -1.3440E-04 | 9.5290E-04 |
| 12.0 | -7.8678E-05 | 8.8852E-04 | -4.8946E-05 | 9.1013E-04 |
| 12.1 | -1.3926E-06 | 8.4501E-04 | 2.8199E-05 | 8.6283E-04 |
| 12.2 | 6.7981E-05 | 7.9765E-04 | 9.7134E-05 | 8.1191E-04 |
| 12.3 | 1.2958E-04 | 7.4728E-04 | 1.5803E-04 | 7.5826E-04 |
| 12.4 | 1.8359E-04 | 6.9471E-04 | 2.1113E-04 | 7.0267E-04 |
| 12.5 | 2.3026E-04 | 6.4068E-04 | 2.5670E-04 | 6.4589E-04 |
| 12.6 | 2.6989E-04 | 5.8587E-04 | 2.9508E-04 | 5.8860E-04 |
| 12.7 | 3.0282E-04 | 5.3091E-04 | 3.2663E-04 | 5.3141E-04 |
| 12.8 | 3.2940E-04 | 4.7633E-04 | 3.5174E-04 | 4.7486E-04 |
| 12.9 | 3.5003E-04 | 4.2265E-04 | 3.7084E-04 | 4.1945E-04 |
| 13.0 | 3.6511E-04 | 3.7029E-04 | 3.8434E-04 | 3.6560E-04 |
| 13.1 | 3.7506E-04 | 3.1964E-04 | 3.9270E-04 | 3.1367E-04 |
| 13.2 | 3.8031E-04 | 2.7101E-04 | 3.9635E-04 | 2.6398E-04 |
| 13.3 | 3.8129E-04 | 2.2467E-04 | 3.9575E-04 | 2.1678E-04 |
| 13.4 | 3.7842E-04 | 1.8085E-04 | 3.9133E-04 | 1.7227E-04 |
| 13.5 | 3.7213E-04 | 1.3971E-04 | 3.8353E-04 | 1.3062E-04 |
| 13.6 | 3.6283E-04 | 1.0139E-04 | 3.7277E-04 | 9.1943E-05 |
| 13.7 | 3.5091E-04 | 6.5974E-05 | 3.5946E-04 | 5.6307E-05 |
| 13.8 | 3.3676E-04 | 3.3511E-05 | 3.4399E-04 | 2.3751E-05 |
| 13.9 | 3.2074E-04 | 4.0185E-06 | 3.2673E-04 | -5.7214E-06 |
| 14.0 | 3.0321E-04 | -2.2517E-05 | 3.0802E-04 | -3.2137E-05 |
| 14.1 | 2.8448E-04 | -4.6137E-05 | 2.8821E-04 | -5.5550E-05 |
| 14.2 | 2.6486E-04 | -6.6907E-05 | 2.6759E-04 | -7.6038E-05 |
| 14.3 | 2.4464E-04 | -8.4914E-05 | 2.4646E-04 | -9.3700E-05 |
| 14.4 | 2.2407E-04 | -1.0026E-04 | 2.2506E-04 | -1.0865E-04 |
| 14.5 | 2.0339E-04 | -1.1307E-04 | 2.0363E-04 | -1.2102E-04 |
| 14.6 | 1.8281E-04 | -1.2348E-04 | 1.8239E-04 | -1.3095E-04 |
| 14.7 | 1.6253E-04 | -1.3162E-04 | 1.6152E-04 | -1.3860E-04 |
| 14.8 | 1.4271E-04 | -1.3764E-04 | 1.4120E-04 | -1.4411E-04 |
| 14.9 | 1.2350E-04 | -1.4171E-04 | 1.2155E-04 | -1.4766E-04 |
| 15.0 | 1.0502E-04 | -1.4399E-04 | 1.0271E-04 | -1.4940E-04 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | 1.0502E-04 | -1.4399E-04 | 1.0271E-04 | -1.4940E-04 |
| 15.1 | 8.7381E-05 | -1.4462E-04 | 8.4769E-05 | -1.4951E-04 |
| 15.2 | 7.0671E-05 | -1.4377E-04 | 6.7822E-05 | -1.4815E-04 |
| 15.3 | 5.4959E-05 | -1.4160E-04 | 5.1927E-05 | -1.4548E-04 |
| 15.4 | 4.0296E-05 | -1.3827E-04 | 3.7134E-05 | -1.4166E-04 |
| 15.5 | 2.6719E-05 | -1.3392E-04 | 2.3475E-05 | -1.3684E-04 |
| 15.6 | 1.4252E-05 | -1.2870E-04 | 1.0968E-05 | -1.3118E-04 |
| 15.7 | 2.9030E-06 | -1.2274E-04 | -3.8188E-07 | -1.2480E-04 |
| 15.8 | -7.3295E-06 | -1.1619E-04 | -1.0581E-05 | -1.1786E-04 |
| 15.9 | -1.6459E-05 | -1.0917E-04 | -1.9647E-05 | -1.1046E-04 |
| 16.0 | -2.4507E-05 | -1.0178E-04 | -2.7607E-05 | -1.0274E-04 |
| 16.1 | -3.1504E-05 | -9.4145E-05 | -3.4493E-05 | -9.4792E-05 |
| 16.2 | -3.7490E-05 | -8.6358E-05 | -4.0349E-05 | -8.6723E-05 |
| 16.3 | -4.2506E-05 | -7.8513E-05 | -4.5220E-05 | -7.8621E-05 |
| 16.4 | -4.6602E-05 | -7.0690E-05 | -4.9160E-05 | -7.0570E-05 |
| 16.5 | -4.9831E-05 | -6.2964E-05 | -5.2224E-05 | -6.2643E-05 |
| 16.6 | -5.2249E-05 | -5.5401E-05 | -5.4470E-05 | -5.4904E-05 |
| 16.7 | -5.3913E-05 | -4.8057E-05 | -5.5959E-05 | -4.7409E-05 |
| 16.8 | -5.4884E-05 | -4.0983E-05 | -5.6753E-05 | -4.0207E-05 |
| 16.9 | -5.5222E-05 | -3.4219E-05 | -5.6914E-05 | -3.3338E-05 |
| 17.0 | -5.4987E-05 | -2.7801E-05 | -5.6504E-05 | -2.6836E-05 |
| 17.1 | -5.4240E-05 | -2.1757E-05 | -5.5586E-05 | -2.0726E-05 |
| 17.2 | -5.3038E-05 | -1.6107E-05 | -5.4219E-05 | -1.5028E-05 |
| 17.3 | -5.1440E-05 | -1.0867E-05 | -5.2461E-05 | -9.7575E-06 |
| 17.4 | -4.9500E-05 | -6.0474E-06 | -5.0369E-05 | -4.9211E-06 |
| 17.5 | -4.7273E-05 | -1.6519E-06 | -4.7997E-05 | -5.2274E-07 |
| 17.6 | -4.4807E-05 | 2.3189E-06 | -4.5396E-05 | 3.4391E-06 |
| 17.7 | -4.2153E-05 | 5.8690E-06 | -4.2614E-05 | 6.9696E-06 |
| 17.8 | -3.9353E-05 | 9.0060E-06 | -3.9697E-05 | 1.0078E-05 |
| 17.9 | -3.6451E-05 | 1.1741E-05 | -3.6686E-05 | 1.2777E-05 |
| 18.0 | -3.3484E-05 | 1.4088E-05 | -3.3621E-05 | 1.5080E-05 |
| 18.1 | -3.0488E-05 | 1.6062E-05 | -3.0535E-05 | 1.7006E-05 |
| 18.2 | -2.7495E-05 | 1.7682E-05 | -2.7462E-05 | 1.8573E-05 |
| 18.3 | -2.4534E-05 | 1.8968E-05 | -2.4431E-05 | 1.9803E-05 |
| 18.4 | -2.1630E-05 | 1.9941E-05 | -2.1465E-05 | 2.0717E-05 |
| 18.5 | -1.8806E-05 | 2.0622E-05 | -1.8587E-05 | 2.1338E-05 |
| 18.6 | -1.6082E-05 | 2.1034E-05 | -1.5817E-05 | 2.1689E-05 |
| 18.7 | -1.3473E-05 | 2.1200E-05 | -1.3171E-05 | 2.1795E-05 |
| 18.8 | -1.0994E-05 | 2.1143E-05 | -1.0661E-05 | 2.1678E-05 |
| 18.9 | -8.6553E-06 | 2.0886E-05 | -8.2989E-06 | 2.1362E-05 |
| 19.0 | -6.4663E-06 | 2.0452E-05 | -6.0924E-06 | 2.0870E-05 |
| 19.1 | -4.4331E-06 | 1.9862E-05 | -4.0473E-06 | 2.0224E-05 |
| 19.2 | -2.5597E-06 | 1.9137E-05 | -2.1674E-06 | 1.9447E-05 |
| 19.3 | -8.4848E-07 | 1.8299E-05 | -4.5434E-07 | 1.8558E-05 |
| 19.4 | 7.0017E-07 | 1.7367E-05 | 1.0920E-06 | 1.7578E-05 |
| 19.5 | 2.0875E-06 | 1.6358E-05 | 2.4732E-06 | 1.6525E-05 |
| 19.6 | 3.3161E-06 | 1.5291E-05 | 3.6925E-06 | 1.5416E-05 |
| 19.7 | 4.3900E-06 | 1.4182E-05 | 4.7541E-06 | 1.4269E-05 |
| 19.8 | 5.3141E-06 | 1.3046E-05 | 5.6636E-06 | 1.3098E-05 |
| 19.9 | 6.0943E-06 | 1.1896E-05 | 6.4274E-06 | 1.1916E-05 |
| 20.0 | 6.7376E-06 | 1.0745E-05 | 7.0525E-06 | 1.0737E-05 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | INFINITY | -1.1345E+00 | INFINITY | - INFINITY |
| 0.1 | 2.4152E+00 | -1.1261E+00 | 4.1133E+00 | -9.1714E+00 |
| 0.2 | 1.7165E+00 | -1.1064E+00 | 1.9178E+00 | -4.6854E+00 |
| 0.3 | 1.3057E+00 | -1.0784E+00 | 1.1438E+00 | -3.1972E+00 |
| 0.4 | 1.0141E+00 | -1.0439E+00 | 7.3135E-01 | -2.4496E+00 |
| 0.5 | 7.8925E-01 | -1.0043E+00 | 4.6760E-01 | -1.9936E+00 |
| 0.6 | 6.0791E-01 | -9.6052E-01 | 2.8124E-01 | -1.6808E+00 |
| 0.7 | 4.5776E-01 | -9.1348E-01 | 1.4149E-01 | -1.4484E+00 |
| 0.8 | 3.3149E-01 | -8.6398E-01 | 3.2816E-02 | -1.2654E+00 |
| 0.9 | 2.2432E-01 | -8.1269E-01 | -5.3548E-02 | -1.1150E+00 |
| 1.0 | 1.3299E-01 | -7.6022E-01 | -1.2297E-01 | -9.8712E-01 |
| 1.1 | 5.5105E-02 | -7.0714E-01 | -1.7895E-01 | -8.7580E-01 |
| 1.2 | -1.1163E-02 | -6.5392E-01 | -2.2395E-01 | -7.7706E-01 |
| 1.3 | -6.7247E-02 | -6.0100E-01 | -2.5972E-01 | -6.8828E-01 |
| 1.4 | -1.1433E-01 | -5.4878E-01 | -2.8764E-01 | -6.0769E-01 |
| 1.5 | -1.5339E-01 | -4.9761E-01 | -3.0876E-01 | -5.3401E-01 |
| 1.6 | -1.8529E-01 | -4.4778E-01 | -3.2397E-01 | -4.6637E-01 |
| 1.7 | -2.1078E-01 | -3.9955E-01 | -3.3400E-01 | -4.0410E-01 |
| 1.8 | -2.3052E-01 | -3.5315E-01 | -3.3948E-01 | -3.4671E-01 |
| 1.9 | -2.4512E-01 | -3.0876E-01 | -3.4098E-01 | -2.9383E-01 |
| 2.0 | -2.5513E-01 | -2.6655E-01 | -3.3899E-01 | -2.4516E-01 |
| 2.1 | -2.6107E-01 | -2.2663E-01 | -3.3397E-01 | -2.0046E-01 |
| 2.2 | -2.6339E-01 | -1.8910E-01 | -3.2633E-01 | -1.5953E-01 |
| 2.3 | -2.6254E-01 | -1.5401E-01 | -3.1644E-01 | -1.2218E-01 |
| 2.4 | -2.5892E-01 | -1.2142E-01 | -3.0465E-01 | -8.8247E-02 |
| 2.5 | -2.5291E-01 | -9.1334E-02 | -2.9128E-01 | -5.7580E-02 |
| 2.6 | -2.4485E-01 | -6.3750E-02 | -2.7662E-01 | -3.0030E-02 |
| 2.7 | -2.3507E-01 | -3.8644E-02 | -2.6095E-01 | -5.4514E-03 |
| 2.8 | -2.2388E-01 | -1.5973E-02 | -2.4451E-01 | 1.6298E-02 |
| 2.9 | -2.1154E-01 | 4.3196E-03 | -2.2753E-01 | 3.5363E-02 |
| 3.0 | -1.9832E-01 | 2.2306E-02 | -2.1022E-01 | 5.1887E-02 |
| 3.1 | -1.8444E-01 | 3.8068E-02 | -1.9277E-01 | 6.6014E-02 |
| 3.2 | -1.7013E-01 | 5.1700E-02 | -1.7535E-01 | 7.7891E-02 |
| 3.3 | -1.5556E-01 | 6.3303E-02 | -1.5811E-01 | 8.7662E-02 |
| 3.4 | -1.4093E-01 | 7.2986E-02 | -1.4118E-01 | 9.5474E-02 |
| 3.5 | -1.2637E-01 | 8.0863E-02 | -1.2470E-01 | 1.0147E-01 |
| 3.6 | -1.1204E-01 | 8.7052E-02 | -1.0875E-01 | 1.0579E-01 |
| 3.7 | -9.8043E-02 | 9.1673E-02 | -9.3433E-02 | 1.0859E-01 |
| 3.8 | -8.4490E-02 | 9.4850E-02 | -7.8818E-02 | 1.0999E-01 |
| 3.9 | -7.1470E-02 | 9.6704E-02 | -6.4968E-02 | 1.1014E-01 |
| 4.0 | -5.9057E-02 | 9.7357E-02 | -5.1931E-02 | 1.0917E-01 |
| 4.1 | -4.7310E-02 | 9.6929E-02 | -3.9743E-02 | 1.0720E-01 |
| 4.2 | -3.6280E-02 | 9.5538E-02 | -2.8431E-02 | 1.0436E-01 |
| 4.3 | -2.6000E-02 | 9.3299E-02 | -1.8009E-02 | 1.0077E-01 |
| 4.4 | -1.6498E-02 | 9.0321E-02 | -8.4848E-03 | 9.6540E-02 |
| 4.5 | -7.7877E-03 | 8.6711E-02 | 1.4463E-04 | 9.1775E-02 |
| 4.6 | 1.2437E-04 | 8.2571E-02 | 7.8889E-03 | 8.6576E-02 |
| 4.7 | 7.2404E-03 | 7.7995E-02 | 1.4765E-02 | 8.1039E-02 |
| 4.8 | 1.3570E-02 | 7.3074E-02 | 2.0795E-02 | 7.5251E-02 |
| 4.9 | 1.9129E-02 | 6.7892E-02 | 2.6007E-02 | 6.9293E-02 |
| 5.0 | 2.3940E-02 | .6.2528E-02 | 3.0434E-02 | 6.3241E-02 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | 2.3940E-02 | 6.2528E-02 | 3.0434E-02 | 6.3241E-02 |
| 5.1 | 2.8030E-02 | 5.7053E-02 | 3.4113E-02 | 5.7161E-02 |
| 5.2 | 3.1429E-02 | 5.1534E-02 | 3.7082E-02 | 5.1115E-02 |
| 5.3 | 3.4173E-02 | 4.6030E-02 | 3.9385E-02 | 4.5159E-02 |
| 5.4 | 3.6299E-02 | 4.0595E-02 | 4.1066E-02 | 3.9342E-02 |
| 5.5 | 3.7846E-02 | 3.5276E-02 | 4.2170E-02 | 3.3705E-02 |
| 5.6 | 3.8858E-02 | 3.0115E-02 | 4.2743E-02 | 2.8286E-02 |
| 5.7 | 3.9375E-02 | 2.5148E-02 | 4.2833E-02 | 2.3115E-02 |
| 5.8 | 3.9442E-02 | 2.0407E-02 | 4.2486E-02 | 1.8219E-02 |
| 5.9 | 3.9101E-02 | 1.5915E-02 | 4.1749E-02 | 1.3619E-02 |
| 6.0 | 3.8396E-02 | 1.1694E-02 | 4.0666E-02 | 9.3296E-03 |
| 6.1 | 3.7369E-02 | 7.7597E-03 | 3.9282E-02 | 5.3630E-03 |
| 6.2 | 3.6061E-02 | 4.1235E-03 | 3.7640E-02 | 1.7262E-03 |
| 6.3 | 3.4513E-02 | 7.9300E-04 | 3.5781E-02 | -1.5772E-03 |
| 6.4 | 3.2764E-02 | -2.2281E-03 | 3.3743E-02 | -4.5473E-03 |
| 6.5 | 3.0849E-02 | -4.9394E-03 | 3.1565E-02 | -7.1871E-03 |
| 6.6 | 2.8804E-02 | -7.3435E-03 | 2.9281E-02 | -9.5028E-03 |
| 6.7 | 2.6662E-02 | -9.4459E-03 | 2.6922E-02 | -1.1503E-02 |
| 6.8 | 2.4453E-02 | -1.1254E-02 | 2.4521E-02 | -1.3198E-02 |
| 6.9 | 2.2206E-02 | -1.2779E-02 | 2.2103E-02 | -1.4600E-02 |
| 7.0 | 1.9947E-02 | -1.4031E-02 | 1.9695E-02 | -1.5725E-02 |
| 7.1 | 1.7699E-02 | -1.5024E-02 | 1.7318E-02 | -1.6586E-02 |
| 7.2 | 1.5483E-02 | -1.5773E-02 | 1.4994E-02 | -1.7201E-02 |
| 7.3 | 1.3320E-02 | -1.6293E-02 | 1.2740E-02 | -1.7587E-02 |
| 7.4 | 1.1224E-02 | -1.6601E-02 | 1.0571E-02 | -1.7763E-02 |
| 7.5 | 9.2108E-03 | -1.6714E-02 | 8.5001E-03 | -1.7745E-02 |
| 7.6 | 7.2927E-03 | -1.6648E-02 | 6.5391E-03 | -1.7552E-02 |
| 7.7 | 5.4796E-03 | -1.6421E-02 | 4.6966E-03 | -1.7204E-02 |
| 7.8 | 3.7798E-03 | -1.6051E-02 | 2.9794E-03 | -1.6717E-02 |
| 7.9 | 2.1995E-03 | -1.5554E-02 | 1.3927E-03 | -1.6109E-02 |
| 8.0 | 7.4331E-04 | -1.4947E-02 | -6.0242E-05 | -1.5399E-02 |
| 8.1 | -5.8587E-04 | -1.4247E-02 | -1.3777E-03 | -1.4601E-02 |
| 8.2 | -1.7866E-03 | -1.3469E-02 | -2.5593E-03 | -1.3733E-02 |
| 8.3 | -2.8590E-03 | -1.2627E-02 | -3.6061E-03 | -1.2809E-02 |
| 8.4 | -3.8042E-03 | -1.1737E-02 | -4.5205E-03 | -1.1843E-02 |
| 8.5 | -4.6246E-03 | -1.0811E-02 | -5.3056E-03 | -1.0849E-02 |
| 8.6 | -5.3236E-03 | -9.8621E-03 | -5.9659E-03 | -9.8398E-03 |
| 8.7 | -5.9055E-03 | -8.9016E-03 | -6.5064E-03 | -8.8257E-03 |
| 8.8 | -6.3752E-03 | -7.9401E-03 | -6.9327E-03 | -7.8174E-03 |
| 8.9 | -6.7385E-03 | -6.9872E-03 | -7.2514E-03 | -6.8243E-03 |
| 9.0 | -7.0014E-03 | -6.0516E-03 | -7.4691E-03 | -5.8546E-03 |
| 9.1 | -7.1706E-03 | -5.1409E-03 | -7.5930E-03 | -4.9159E-03 |
| 9.2 | -7.2530E-03 | -4.2619E-03 | -7.6304E-03 | -4.0143E-03 |
| 9.3 | -7.2557E-03 | -3.4203E-03 | -7.5891E-03 | -3.1553E-03 |
| 9.4 | -7.1859E-03 | -2.6211E-03 | -7.4765E-03 | -2.3435E-03 |
| 9.5 | -7.0510E-03 | -1.8682E-03 | -7.3003E-03 | -1.5825E-03 |
| 9.6 | -6.8581E-03 | -1.1650E-03 | -7.0679E-03 | -8.7501E-04 |
| 9.7 | -6.6145E-03 | -5.1380E-04 | -6.7869E-03 | -2.2320E-04 |
| 9.8 | -6.3272E-03 | 8.3636E-05 | -6.4644E-03 | 3.7166E-04 |
| 9.9 | -6.0030E-03 | 6.2630E-04 | -6.1073E-03 | 9.0892E-04 |
| 10.0 | -5.6484E-03 | 1.1138E-03 | -5.7223E-03 | 1.3886E-03 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | -5.6484E-03 | 1.1138E-03 | -5.7223E-03 | 1.3886E-03 |
| 10.1 | -5.2697E-03 | 1.5463E-03 | -5.3156E-03 | 1.8111E-03 |
| 10.2 | -4.8727E-03 | 1.9245E-03 | -4.8932E-03 | 2.1776E-03 |
| 10.3 | -4.4632E-03 | 2.2497E-03 | -4.4607E-03 | 2.4896E-03 |
| 10.4 | -4.0461E-03 | 2.5233E-03 | -4.0232E-03 | 2.7488E-03 |
| 10.5 | -3.6264E-03 | 2.7473E-03 | -3.5855E-03 | 2.9576E-03 |
| 10.6 | -3.2083E-03 | 2.9240E-03 | -3.1518E-03 | 3.1185E-03 |
| 10.7 | -2.7960E-03 | 3.0559E-03 | -2.7261E-03 | 3.2341E-03 |
| 10.8 | -2.3928E-03 | 3.1457E-03 | -2.3117E-03 | 3.3075E-03 |
| 10.9 | -2.0020E-03 | 3.1963E-03 | -1.9118E-03 | 3.3418E-03 |
| 11.0 | -1.6263E-03 | 3.2108E-03 | -1.5288E-03 | 3.3400E-03 |
| 11.1 | -1.2681E-03 | 3.1922E-03 | -1.1652E-03 | 3.3055E-03 |
| 11.2 | -9.2929E-04 | 3.1436E-03 | -8.2258E-04 | 3.2416E-03 |
| 11.3 | -6.1148E-04 | 3.0683E-03 | -5.0254E-04 | 3.1515E-03 |
| 11.4 | -3.1593E-04 | 2.9694E-03 | -2.0615E-04 | 3.0384E-03 |
| 11.5 | -4.3567E-05 | 2.8499E-03 | 6.5813E-05 | 2.9055E-03 |
| 11.6 | 2.0500E-04 | 2.7129E-03 | 3.1286E-04 | 2.7559E-03 |
| 11.7 | 4.2946E-04 | 2.5612E-03 | 5.3481E-04 | 2.5925E-03 |
| 11.8 | 6.2974E-04 | 2.3977E-03 | 7.3174E-04 | 2.4181E-03 |
| 11.9 | 8.0602E-04 | 2.2251E-03 | 9.0394E-04 | 2.2355E-03 |
| 12.0 | 9.5872E-04 | 2.0457E-03 | 1.0519E-03 | 2.0472E-03 |
| 12.1 | 1.0884E-03 | 1.8621E-03 | 1.1765E-03 | 1.8555E-03 |
| 12.2 | 1.1959E-03 | 1.6764E-03 | 1.2783E-03 | 1.6626E-03 |
| 12.3 | 1.2821E-03 | 1.4905E-03 | 1.3586E-03 | 1.4704E-03 |
| 12.4 | 1.3479E-03 | 1.3064E-03 | 1.4185E-03 | 1.2808E-03 |
| 12.5 | 1.3947E-03 | 1.1257E-03 | 1.4590E-03 | 1.0955E-03 |
| 12.6 | 1.4236E-03 | 9.4978E-04 | 1.4817E-03 | 9.1581E-04 |
| 12.7 | 1.4359E-03 | 7.8007E-04 | 1.4878E-03 | 7.4303E-04 |
| 12.8 | 1.4330E-03 | 6.1764E-04 | 1.4788E-03 | 5.7822E-04 |
| 12.9 | 1.4162E-03 | 4.6344E-04 | 1.4560E-03 | 4.2231E-04 |
| 13.0 | 1.3869E-03 | 3.1826E-04 | 1.4210E-03 | 2.7602E-04 |
| 13.1 | 1.3466E-03 | 1.8273E-04 | 1.3751E-03 | 1.3993E-04 |
| 13.2 | 1.2965E-03 | 5.7317E-05 | 1.3198E-03 | 1.4472E-05 |
| 13.3 | 1.2381E-03 | -5.7629E-05 | 1.2564E-03 | -1.0007E-04 |
| 13.4 | 1.1726E-03 | -1.6191E-04 | 1.1862E-03 | -2.0354E-04 |
| 13.5 | 1.1014E-03 | -2.5543E-04 | 1.1106E-03 | -2.9591E-04 |
| 13.6 | 1.0255E-03 | -3.3823E-04 | 1.0308E-03 | -3.7725E-04 |
| 13.7 | 9.4623E-04 | -4.1044E-04 | 9.4783E-04 | -4.4774E-04 |
| 13.8 | 8.6459E-04 | -4.7228E-04 | 8.6289E-04 | -5.0764E-04 |
| 13.9 | 7.8161E-04 | -5.2406E-04 | 7.7696E-04 | -5.5731E-04 |
| 14.0 | 6.9820E-04 | -5.6614E-04 | 6.9095E-04 | -5.9715E-04 |
| 14.1 | 6.1524E-04 | -5.9898E-04 | 6.0572E-04 | -6.2765E-04 |
| 14.2 | 5.3348E-04 | -6.2306E-04 | 5.2203E-04 | -6.4932E-04 |
| 14.3 | 4.5363E-04 | -6.3890E-04 | 4.4055E-04 | -6.6273E-04 |
| 14.4 | 3.7631E-04 | -6.4709E-04 | 3.6190E-04 | -6.6848E-04 |
| 14.5 | 3.0204E-04 | -6.4820E-04 | 2.8659E-04 | -6.6717E-04 |
| 14.6 | 2.3129E-04 | -6.4285E-04 | 2.1506E-04 | -6.5945E-04 |
| 14.7 | 1.6445E-04 | -6.3165E-04 | 1.4768E-04 | -6.4594E-04 |
| 14.8 | 1.0182E-04 | -6.1523E-04 | 8.4742E-05 | -6.2729E-04 |
| 14.9 | 4.3652E-05 | -5.9420E-04 | 2.6474E-05 | -6.0413E-04 |
| 15.0 | -9.8734E-06 | -5.6916E-04 | -2.6965E-05 | -5.7707E-04 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | -9.8734E-06 | -5.6916E-04 | -2.6965E-05 | -5.7707E-04 |
| 15.1 | -5.8640E-05 | -5.4073E-04 | -7.5476E-05 | -5.4673E-04 |
| 15.2 | -1.0258E-04 | -5.0946E-04 | -1.1902E-04 | -5.1369E-04 |
| 15.3 | -1.4170E-04 | -4.7592E-04 | -1.5760E-04 | -4.7850E-04 |
| 15.4 | -1.7602E-04 | -4.4062E-04 | -1.9127E-04 | -4.4169E-04 |
| 15.5 | -2.0563E-04 | -4.0407E-04 | -2.2014E-04 | -4.0378E-04 |
| 15.6 | -2.3065E-04 | -3.6674E-04 | -2.4435E-04 | -3.6521E-04 |
| 15.7 | -2.5123E-04 | -3.2905E-04 | -2.6405E-04 | -3.2643E-04 |
| 15.8 | -2.6756E-04 | -2.9141E-04 | -2.7946E-04 | -2.8783E-04 |
| 15.9 | -2.7985E-04 | -2.5418E-04 | -2.9080E-04 | -2.4977E-04 |
| 16.0 | -2.8834E-04 | -2.1769E-04 | -2.9831E-04 | -2.1257E-04 |
| 16.1 | -2.9326E-04 | -1.8224E-04 | -3.0225E-04 | -1.7654E-04 |
| 16.2 | -2.9488E-04 | -1.4807E-04 | -3.0289E-04 | -1.4190E-04 |
| 16.3 | -2.9347E-04 | -1.1541E-04 | -3.0052E-04 | -1.0889E-04 |
| 16.4 | -2.8930E-04 | -8.4449E-05 | -2.9541E-04 | -7.7670E-05 |
| 16.5 | -2.8267E-04 | -5.5343E-05 | -2.8787E-04 | -4.8404E-05 |
| 16.6 | -2.7384E-04 | -2.8214E-05 | -2.7816E-04 | -2.1202E-05 |
| 16.7 | -2.6309E-04 | -3.1573E-06 | -2.6658E-04 | 3.8494E-06 |
| 16.8 | -2.5070E-04 | 1.9763E-05 | -2.5339E-04 | 2.6692E-05 |
| 16.9 | -2.3692E-04 | 4.0508E-05 | -2.3887E-04 | 4.7297E-05 |
| 17.0 | -2.2202E-04 | 5.9063E-05 | -2.2328E-04 | 6.5656E-05 |
| 17.1 | -2.0623E-04 | 7.5437E-05 | -2.0686E-04 | 8.1785E-05 |
| 17.2 | -1.8978E-04 | 8.9658E-05 | -1.8983E-04 | 9.5720E-05 |
| 17.3 | -1.7290E-04 | 1.0177E-04 | -1.7243E-04 | 1.0751E-04 |
| 17.4 | -1.5579E-04 | 1.1185E-04 | -1.5484E-04 | 1.1724E-04 |
| 17.5 | -1.3862E-04 | 1.1996E-04 | -1.3726E-04 | 1.2498E-04 |
| 17.6 | -1.2159E-04 | 1.2620E-04 | -1.1986E-04 | 1.3083E-04 |
| 17.7 | -1.0483E-04 | 1.3066E-04 | -1.0280E-04 | 1.3490E-04 |
| 17.8 | -8.8488E-05 | 1.3347E-04 | -8.6202E-05 | 1.3731E-04 |
| 17.9 | -7.2691E-05 | 1.3472E-04 | -7.0196E-05 | 1.3816E-04 |
| 18.0 | -5.7544E-05 | 1.3455E-04 | -5.4886E-05 | 1.3759E-04 |
| 18.1 | -4.3139E-05 | 1.3308E-04 | -4.0360E-05 | 1.3573E-04 |
| 18.2 | -2.9553E-05 | 1.3044E-04 | -2.6693E-05 | 1.3271E-04 |
| 18.3 | -1.6847E-05 | 1.2675E-04 | -1.3943E-05 | 1.2865E-04 |
| 18.4 | -5.0688E-06 | 1.2213E-04 | -2.1552E-06 | 1.2369E-04 |
| 18.5 | 5.7456E-06 | 1.1672E-04 | 8.6385E-06 | 1.1794E-04 |
| 18.6 | 1.5574E-05 | 1.1064E-04 | 1.8419E-05 | 1.1154E-04 |
| 18.7 | 2.4406E-05 | 1.0399E-04 | 2.7178E-05 | 1.0461E-04 |
| 18.8 | 3.2240E-05 | 9.6907E-05 | 3.4918E-05 | 9.7248E-05 |
| 18.9 | 3.9086E-05 | 8.9481E-05 | 4.1652E-05 | 8.9573E-05 |
| 19.0 | 4.4963E-05 | 8.1818E-05 | 4.7401E-05 | 8.1685E-05 |
| 19.1 | 4.9896E-05 | 7.4015E-05 | 5.2194E-05 | 7.3678E-05 |
| 19.2 | 5.3918E-05 | 6.6158E-05 | 5.6067E-05 | 6.5641E-05 |
| 19.3 | 5.7069E-05 | 5.8330E-05 | 5.9060E-05 | 5.7655E-05 |
| 19.4 | 5.9392E-05 | 5.0603E-05 | 6.1220E-05 | 4.9792E-05 |
| 19.5 | 6.0937E-05 | 4.3045E-05 | 6.2598E-05 | 4.2120E-05 |
| 19.6 | 6.1754E-05 | 3.5715E-05 | 6.3248E-05 | 3.4695E-05 |
| 19.7 | 6.1898E-05 | 2.8664E-05 | 6.3226E-05 | 2.7569E-05 |
| 19.8 | 6.1426E-05 | 2.1938E-05 | 6.2590E-05 | 2.0786E-05 |
| 19.9 | 6.0395E-05 | 1.5574E-05 | 6.1398E-05 | 1.4382E-05 |
| 20.0 | 5.8862E-05 | 9.6026E-06 | 5.9711E-05 | 8.3864E-06 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | INFINITY | -1.2217E+00 | INFINITY | - INFINITY |
| 0.1 | 2.4139E+00 | -1.2139E+00 | 3.3131E+00 | -9.5131E+00 |
| 0.2 | 1.7123E+00 | -1.1949E+00 | 1.5208E+00 | -4.8656E+00 |
| 0.3 | 1.2975E+00 | -1.1675E+00 | 8.7926E-01 | -3.3258E+00 |
| 0.4 | 1.0011E+00 | -1.1331E+00 | 5.3091E-01 | -2.5532E+00 |
| 0.5 | 7.7078E-01 | -1.0930E+00 | 3.0362E-01 | -2.0825E+00 |
| 0.6 | 5.8364E-01 | -1.0480E+00 | 1.3978E-01 | -1.7597E+00 |
| 0.7 | 4.2750E-01 | -9.9914E-01 | 1.4604E-02 | -1.5196E+00 |
| 0.8 | 2.9518E-01 | -9.4707E-01 | -8.4400E-02 | -1.3300E+00 |
| 0.9 | 1.8207E-01 | -8.9252E-01 | -1.6425E-01 | -1.1735E+00 |
| 1.0 | 8.4997E-02 | -8.3614E-01 | -2.2922E-01 | -1.0398E+00 |
| 1.1 | 1.6796E-03 | -7.7851E-01 | -2.8212E-01 | -9.2265E-01 |
| 1.2 | -6.9612E-02 | -7.2018E-01 | -3.2490E-01 | -8.1802E-01 |
| 1.3 | -1.3024E-01 | -6.6165E-01 | -3.5897E-01 | -7.2325E-01 |
| 1.4 | -1.8132E-01 | -6.0339E-01 | -3.8543E-01 | -6.3653E-01 |
| 1.5 | -2.2379E-01 | -5.4581E-01 | -4.0517E-01 | -5.5662E-01 |
| 1.6 | -2.5847E-01 | -4.8929E-01 | -4.1891E-01 | -4.8268E-01 |
| 1.7 | -2.8608E-01 | -4.3417E-01 | -4.2728E-01 | -4.1407E-01 |
| 1.8 | -3.0727E-01 | -3.8075E-01 | -4.3084E-01 | -3.5037E-01 |
| 1.9 | -3.2265E-01 | -3.2931E-01 | -4.3011E-01 | -2.9126E-01 |
| 2.0 | -3.3277E-01 | -2.8007E-01 | -4.2554E-01 | -2.3648E-01 |
| 2.1 | -3.3815E-01 | -2.3322E-01 | -4.1757E-01 | -1.8586E-01 |
| 2.2 | -3.3930E-01 | -1.8893E-01 | -4.0660E-01 | -1.3923E-01 |
| 2.3 | -3.3666E-01 | -1.4732E-01 | -3.9302E-01 | -9.6467E-02 |
| 2.4 | -3.3068E-01 | -1.0849E-01 | -3.7720E-01 | -5.7453E-02 |
| 2.5 | -3.2179E-01 | -7.2514E-02 | -3.5947E-01 | -2.2072E-02 |
| 2.6 | -3.1037E-01 | -3.9431E-02 | -3.4016E-01 | 9.7877E-03 |
| 2.7 | -2.9680E-01 | -9.2551E-03 | -3.1958E-01 | 3.8242E-02 |
| 2.8 | -2.8144E-01 | 1.8022E-02 | -2.9802E-01 | 6.3409E-02 |
| 2.9 | -2.6461E-01 | 4.2431E-02 | -2.7575E-01 | 8.5415E-02 |
| 3.0 | -2.4662E-01 | 6.4023E-02 | -2.5301E-01 | 1.0439E-01 |
| 3.1 | -2.2777E-01 | 8.2867E-02 | -2.3005E-01 | 1.2047E-01 |
| 3.2 | -2.0833E-01 | 9.9048E-02 | -2.0708E-01 | 1.3381E-01 |
| 3.3 | -1.8854E-01 | 1.1267E-01 | -1.8431E-01 | 1.4454E-01 |
| 3.4 | -1.6863E-01 | 1.2384E-01 | -1.6190E-01 | 1.5283E-01 |
| 3.5 | -1.4881E-01 | 1.3268E-01 | -1.4002E-01 | 1.5882E-01 |
| 3.6 | -1.2926E-01 | 1.3934E-01 | -1.1883E-01 | 1.6270E-01 |
| 3.7 | -1.1016E-01 | 1.4394E-01 | -9.8434E-02 | 1.6460E-01 |
| 3.8 | -9.1641E-02 | 1.4663E-01 | -7.8954E-02 | 1.6471E-01 |
| 3.9 | -7.3841E-02 | 1.4756E-01 | -6.0481E-02 | 1.6318E-01 |
| 4.0 | -5.6869E-02 | 1.4688E-01 | -4.3093E-02 | 1.6018E-01 |
| 4.1 | -4.0818E-02 | 1.4475E-01 | -2.6850E-02 | 1.5587E-01 |
| 4.2 | -2.5762E-02 | 1.4132E-01 | -1.1800E-02 | 1.5040E-01 |
| 4.3 | -1.1762E-02 | 1.3673E-01 | 2.0240E-03 | 1.4393E-01 |
| 4.4 | 1.1371E-03 | 1.3114E-01 | 1.4603E-02 | 1.3661E-01 |
| 4.5 | 1.2905E-02 | 1.2469E-01 | 2.5928E-02 | 1.2858E-01 |
| 4.6 | 2.3526E-02 | 1.1752E-01 | 3.6004E-02 | 1.1999E-01 |
| 4.7 | 3.2993E-02 | 1.0976E-01 | 4.4846E-02 | 1.1095E-01 |
| 4.8 | 4.1313E-02 | 1.0154E-01 | 5.2476E-02 | 1.0160E-01 |
| 4.9 | 4.8504E-02 | 9.2985E-02 | 5.8929E-02 | 9.2043E-02 |
| 5.0 | 5.4591E-02 | 8.4206E-02 | 6.4243E-02 | 8.2397E-02 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | 5.4591E-02 | 8.4206E-02 | 6.4243E-02 | 8.2397E-02 |
| 5.1 | 5.9608E-02 | 7.5309E-02 | 6.8467E-02 | 7.2759E-02 |
| 5.2 | 6.3596E-02 | 6.6393E-02 | 7.1653E-02 | 6.3219E-02 |
| 5.3 | 6.6605E-02 | 5.7547E-02 | 7.3858E-02 | 5.3860E-02 |
| 5.4 | 6.8685E-02 | 4.8853E-02 | 7.5146E-02 | 4.4756E-02 |
| 5.5 | 6.9895E-02 | 4.0386E-02 | 7.5580E-02 | 3.5972E-02 |
| 5.6 | 7.0296E-02 | 3.2209E-02 | 7.5229E-02 | 2.7567E-02 |
| 5.7 | 6.9952E-02 | 2.4379E-02 | 7.4162E-02 | 1.9588E-02 |
| 5.8 | 6.8927E-02 | 1.6946E-02 | 7.2447E-02 | 1.2077E-02 |
| 5.9 | 6.7288E-02 | 9.9495E-03 | 7.0157E-02 | 5.0683E-03 |
| 6.0 | 6.5103E-02 | 3.4237E-03 | 6.7359E-02 | -1.4135E-03 |
| 6.1 | 6.2437E-02 | -2.6057E-03 | 6.4124E-02 | -7.3489E-03 |
| 6.2 | 5.9357E-02 | -8.1198E-03 | 6.0518E-02 | -1.2726E-02 |
| 6.3 | 5.5927E-02 | -1.3106E-02 | 5.6607E-02 | -1.7537E-02 |
| 6.4 | 5.2209E-02 | -1.7558E-02 | 5.2453E-02 | -2.1784E-02 |
| 6.5 | 4.8264E-02 | -2.1474E-02 | 4.8116E-02 | -2.5470E-02 |
| 6.6 | 4.4150E-02 | -2.4861E-02 | 4.3654E-02 | -2.8606E-02 |
| 6.7 | 3.9920E-02 | -2.7726E-02 | 3.9118E-02 | -3.1206E-02 |
| 6.8 | 3.5626E-02 | -3.0083E-02 | 3.4561E-02 | -3.3287E-02 |
| 6.9 | 3.1315E-02 | -3.1950E-02 | 3.0026E-02 | -3.4872E-02 |
| 7.0 | 2.7032E-02 | -3.3348E-02 | 2.5557E-02 | -3.5985E-02 |
| 7.1 | 2.2817E-02 | -3.4300E-02 | 2.1191E-02 | -3.6652E-02 |
| 7.2 | 1.8705E-02 | -3.4833E-02 | 1.6963E-02 | -3.6904E-02 |
| 7.3 | 1.4731E-02 | -3.4974E-02 | 1.2904E-02 | -3.6771E-02 |
| 7.4 | 1.0921E-02 | -3.4753E-02 | 9.0375E-03 | -3.6284E-02 |
| 7.5 | 7.3010E-03 | -3.4201E-02 | 5.3876E-03 | -3.5476E-02 |
| 7.6 | 3.8915E-03 | -3.3349E-02 | 1.9723E-03 | -3.4381E-02 |
| 7.7 | 7.0964E-04 | -3.2230E-02 | -1.1938E-03 | -3.3033E-02 |
| 7.8 | -2.2310E-03 | -3.0876E-02 | -4.0994E-03 | -3.1463E-02 |
| 7.9 | -4.9202E-03 | -2.9318E-02 | -6.7367E-03 | -2.9705E-02 |
| 8.0 | -7.3512E-03 | -2.7588E-02 | -9.1012E-03 | -2.7791E-02 |
| 8.1 | -9.5200E-03 | -2.5717E-02 | -1.1191E-02 | -2.5752E-02 |
| 8.2 | -1.1426E-02 | -2.3733E-02 | -1.3008E-02 | -2.3617E-02 |
| 8.3 | -1.3070E-02 | -2.1666E-02 | -1.4554E-02 | -2.1414E-02 |
| 8.4 | -1.4456E-02 | -1.9542E-02 | -1.5837E-02 | -1.9171E-02 |
| 8.5 | -1.5592E-02 | -1.7386E-02 | -1.6864E-02 | -1.6912E-02 |
| 8.6 | -1.6484E-02 | -1.5223E-02 | -1.7645E-02 | -1.4661E-02 |
| 8.7 | -1.7144E-02 | -1.3074E-02 | -1.8191E-02 | -1.2439E-02 |
| 8.8 | -1.7582E-02 | -1.0960E-02 | -1.8515E-02 | -1.0265E-02 |
| 8.9 | -1.7811E-02 | -8.8979E-03 | -1.8632E-02 | -8.1571E-03 |
| 9.0 | -1.7845E-02 | -6.9051E-03 | -1.8556E-02 | -6.1306E-03 |
| 9.1 | -1.7699E-02 | -4.9956E-03 | -1.8302E-02 | -4.1990E-03 |
| 9.2 | -1.7387E-02 | -3.1820E-03 | -1.7887E-02 | -2.3738E-03 |
| 9.3 | -1.6927E-02 | -1.4748E-03 | -1.7327E-02 | -6.6483E-04 |
| 9.4 | -1.6332E-02 | 1.1734E-04 | -1.6639E-02 | 9.2024E-04 |
| 9.5 | -1.5621E-02 | 1.5874E-03 | -1.5840E-02 | 2.3754E-03 |
| 9.6 | -1.4808E-02 | 2.9303E-03 | -1.4944E-02 | 3.6962E-03 |
| 9.7 | -1.3909E-02 | 4.1423E-03 | -1.3970E-02 | 4.8802E-03 |
| 9.8 | -1.2940E-02 | 5.2215E-03 | -1.2932E-02 | 5.9262E-03 |
| 9.9 | -1.1916E-02 | 6.1673E-03 | -1.1844E-02 | 6.8344E-03 |
| 10.0 | -1.0850E-02 | 6.9805E-03 | -1.0723E-02 | 7.6064E-03 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | -1.0850E-02 | 6.9805E-03 | -1.0723E-02 | 7.6064E-03 |
| 10.1 | -9.7571E-03 | 7.6631E-03 | -9.5803E-03 | 8.2450E-03 |
| 10.2 | -8.6494E-03 | 8.2182E-03 | -8.4296E-03 | 8.7541E-03 |
| 10.3 | -7.5391E-03 | 8.6501E-03 | -7.2826E-03 | 9.1385E-03 |
| 10.4 | -6.4373E-03 | 8.9636E-03 | -6.1503E-03 | 9.4039E-03 |
| 10.5 | -5.3543E-03 | 9.1647E-03 | -5.0426E-03 | 9.5566E-03 |
| 10.6 | -4.2992E-03 | 9.2599E-03 | -3.9684E-03 | 9.6036E-03 |
| 10.7 | -3.2805E-03 | 9.2561E-03 | -2.9358E-03 | 9.5525E-03 |
| 10.8 | -2.3054E-03 | 9.1607E-03 | -1.9517E-03 | 9.4112E-03 |
| 10.9 | -1.3802E-03 | 8.9817E-03 | -1.0221E-03 | 9.1877E-03 |
| 11.0 | -5.1040E-04 | 8.7271E-03 | -1.5204E-04 | 8.8904E-03 |
| 11.1 | 2.9969E-04 | 8.4049E-03 | 6.5451E-04 | 8.5278E-03 |
| 11.2 | 1.0465E-03 | 8.0235E-03 | 1.3944E-03 | 8.1083E-03 |
| 11.3 | 1.7274E-03 | 7.5909E-03 | 2.0653E-03 | 7.6402E-03 |
| 11.4 | 2.3407E-03 | 7.1154E-03 | 2.6660E-03 | 7.1319E-03 |
| 11.5 | 2.8852E-03 | 6.6046E-03 | 3.1956E-03 | 6.5911E-03 |
| 11.6 | 3.3608E-03 | 6.0664E-03 | 3.6544E-03 | 6.0257E-03 |
| 11.7 | 3.7680E-03 | 5.5080E-03 | 4.0432E-03 | 5.4430E-03 |
| 11.8 | 4.1077E-03 | 4.9365E-03 | 4.3633E-03 | 4.8500E-03 |
| 11.9 | 4.3816E-03 | 4.3584E-03 | 4.6168E-03 | 4.2533E-03 |
| 12.0 | 4.5920E-03 | 3.7799E-03 | 4.8060E-03 | 3.6589E-03 |
| 12.1 | 4.7415E-03 | 3.2067E-03 | 4.9340E-03 | 3.0725E-03 |
| 12.2 | 4.8330E-03 | 2.6441E-03 | 5.0039E-03 | 2.4993E-03 |
| 12.3 | 4.8701E-03 | 2.0968E-03 | 5.0195E-03 | 1.9438E-03 |
| 12.4 | 4.8563E-03 | 1.5691E-03 | 4.9846E-03 | 1.4103E-03 |
| 12.5 | 4.7955E-03 | 1.0647E-03 | 4.9032E-03 | 9.0218E-04 |
| 12.6 | 4.6918E-03 | 5.8685E-04 | 4.7796E-03 | 4.2267E-04 |
| 12.7 | 4.5494E-03 | 1.3833E-04 | 4.6182E-03 | -2.5668E-05 |
| 12.8 | 4.3725E-03 | -2.7865E-04 | 4.4232E-03 | -4.4077E-04 |
| 12.9 | 4.1654E-03 | -6.6229E-04 | 4.1990E-03 | -8.2103E-04 |
| 13.0 | 3.9324E-03 | -1.0113E-03 | 3.9501E-03 | -1.1653E-03 |
| 13.1 | 3.6776E-03 | -1.3247E-03 | 3.6806E-03 | -1.4728E-03 |
| 13.2 | 3.4052E-03 | -1.6022E-03 | 3.3947E-03 | -1.7433E-03 |
| 13.3 | 3.1190E-03 | -1.8435E-03 | 3.0964E-03 | -1.9768E-03 |
| 13.4 | 2.8231E-03 | -2.0490E-03 | 2.7896E-03 | -2.1739E-03 |
| 13.5 | 2.5209E-03 | -2.2193E-03 | 2.4778E-03 | -2.3351E-03 |
| 13.6 | 2.2158E-03 | -2.3553E-03 | 2.1644E-03 | -2.4616E-03 |
| 13.7 | 1.9112E-03 | -2.4582E-03 | 1.8527E-03 | -2.5547E-03 |
| 13.8 | 1.6099E-03 | -2.5293E-03 | 1.5456E-03 | -2.6159E-03 |
| 13.9 | 1.3147E-03 | -2.5703E-03 | 1.2457E-03 | -2.6469E-03 |
| 14.0 | 1.0280E-03 | -2.5830E-03 | 9.5546E-04 | -2.6497E-03 |
| 14.1 | 7.5205E-04 | -2.5693E-03 | 6.7697E-04 | -2.6263E-03 |
| 14.2 | 4.8873E-04 | -2.5312E-03 | 4.1212E-04 | -2.5788E-03 |
| 14.3 | 2.3971E-04 | -2.4710E-03 | 1.6251E-04 | -2.5094E-03 |
| 14.4 | 6.4124E-06 | -2.3909E-03 | -7.0552E-05 | -2.4205E-03 |
| 14.5 | -2.1002E-04 | -2.2930E-03 | -2.8597E-04 | -2.3142E-03 |
| 14.6 | -4.0870E-04 | -2.1796E-03 | -4.8294E-04 | -2.1930E-03 |
| 14.7 | -5.8896E-04 | -2.0529E-03 | -6.6087E-04 | -2.0591E-03 |
| 14.8 | -7.5036E-04 | -1.9152E-03 | -8.1941E-04 | -1.9146E-03 |
| 14.9 | -8.9270E-04 | -1.7687E-03 | -9.5841E-04 | -1.7619E-03 |
| 15.0 | -1.0160E-03 | -1.6153E-03 | -1.0779E-03 | -1.6029E-03 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | -1.0160E-03 | -1.6153E-03 | -1.0779E-03 | -1.6029E-03 |
| 15.1 | -1.1203E-03 | -1.4571E-03 | -1.1782E-03 | -1.4397E-03 |
| 15.2 | -1.2061E-03 | -1.2960E-03 | -1.2597E-03 | -1.2742E-03 |
| 15.3 | -1.2738E-03 | -1.1338E-03 | -1.3229E-03 | -1.1082E-03 |
| 15.4 | -1.3241E-03 | -9.7209E-04 | -1.3686E-03 | -9.4332E-04 |
| 15.5 | -1.3577E-03 | -8.1252E-04 | -1.3976E-03 | -7.8110E-04 |
| 15.6 | -1.3756E-03 | -6.5645E-04 | -1.4107E-03 | -6.2293E-04 |
| 15.7 | -1.3786E-03 | -5.0518E-04 | -1.4091E-03 | -4.7007E-04 |
| 15.8 | -1.3679E-03 | -3.5983E-04 | -1.3938E-03 | -3.2363E-04 |
| 15.9 | -1.3445E-03 | -2.2140E-04 | -1.3659E-03 | -1.8458E-04 |
| 16.0 | -1.3096E-03 | -9.0758E-05 | -1.3266E-03 | -5.3732E-05 |
| 16.1 | -1.2642E-03 | 3.1384E-05 | -1.2772E-03 | 6.8215E-05 |
| 16.2 | -1.2098E-03 | 1.4444E-04 | -1.2188E-03 | 1.8072E-04 |
| 16.3 | -1.1473E-03 | 2.4795E-04 | -1.1527E-03 | 2.8335E-04 |
| 16.4 | -1.0781E-03 | 3.4160E-04 | -1.0800E-03 | 3.7582E-04 |
| 16.5 | -1.0032E-03 | 4.2517E-04 | -1.0019E-03 | 4.5797E-04 |
| 16.6 | -9.2383E-04 | 4.9856E-04 | -9.1969E-04 | 5.2973E-04 |
| 16.7 | -8.4108E-04 | 5.6180E-04 | -8.3433E-04 | 5.9114E-04 |
| 16.8 | -7.5600E-04 | 6.1498E-04 | -7.4692E-04 | 6.4235E-04 |
| 16.9 | -6.6959E-04 | 6.5831E-04 | -6.5847E-04 | 6.8360E-04 |
| 17.0 | -5.8279E-04 | 6.9208E-04 | -5.6991E-04 | 7.1519E-04 |
| 17.1 | -4.9648E-04 | 7.1663E-04 | -4.8211E-04 | 7.3751E-04 |
| 17.2 | -4.1146E-04 | 7.3238E-04 | -3.9588E-04 | 7.5101E-04 |
| 17.3 | -3.2849E-04 | 7.3982E-04 | -3.1195E-04 | 7.5619E-04 |
| 17.4 | -2.4822E-04 | 7.3947E-04 | -2.3097E-04 | 7.5359E-04 |
| 17.5 | -1.7125E-04 | 7.3187E-04 | -1.5352E-04 | 7.4379E-04 |
| 17.6 | -9.8091E-05 | 7.1764E-04 | -8.0107E-05 | 7.2741E-04 |
| 17.7 | -2.9194E-05 | 6.9738E-04 | -1.1157E-05 | 7.0508E-04 |
| 17.8 | 3.5073E-05 | 6.7172E-04 | 5.2974E-05 | 6.7745E-04 |
| 17.9 | 9.4413E-05 | 6.4130E-04 | 1.1201E-04 | 6.4515E-04 |
| 18.0 | 1.4859E-04 | 6.0675E-04 | 1.6573E-04 | 6.0884E-04 |
| 18.1 | 1.9746E-04 | 5.6871E-04 | 2.1400E-04 | 5.6916E-04 |
| 18.2 | 2.4090E-04 | 5.2780E-04 | 2.5672E-04 | 5.2675E-04 |
| 18.3 | 2.7889E-04 | 4.8463E-04 | 2.9389E-04 | 4.8220E-04 |
| 18.4 | 3.1144E-04 | 4.3978E-04 | 3.2554E-04 | 4.3610E-04 |
| 18.5 | 3.3861E-04 | 3.9380E-04 | 3.5174E-04 | 3.8903E-04 |
| 18.6 | 3.6054E-04 | 3.4723E-04 | 3.7263E-04 | 3.4149E-04 |
| 18.7 | 3.7736E-04 | 3.0057E-04 | 3.8839E-04 | 2.9400E-04 |
| 18.8 | 3.8929E-04 | 2.5428E-04 | 3.9923E-04 | 2.4702E-04 |
| 18.9 | 3.9656E-04 | 2.0878E-04 | 4.0539E-04 | 2.0095E-04 |
| 19.0 | 3.9942E-04 | 1.6446E-04 | 4.0715E-04 | 1.5620E-04 |
| 19.1 | 3.9816E-04 | 1.2168E-04 | 4.0479E-04 | 1.1310E-04 |
| 19.2 | 3.9309E-04 | 8.0747E-05 | 3.9865E-04 | 7.1955E-05 |
| 19.3 | 3.8453E-04 | 4.1923E-05 | 3.8904E-04 | 3.3030E-05 |
| 19.4 | 3.7280E-04 | 5.4427E-06 | 3.7631E-04 | -3.4546E-06 |
| 19.5 | 3.5825E-04 | -2.8506E-05 | 3.6080E-04 | -3.7316E-05 |
| 19.6 | 3.4122E-04 | -5.9768E-05 | 3.4286E-04 | -6.8410E-05 |
| 19.7 | 3.2206E-04 | -8.8230E-05 | 3.2284E-04 | -9.6629E-05 |
| 19.8 | 3.0109E-04 | -1.1381E-04 | 3.0108E-04 | -1.2190E-04 |
| 19.9 | 2.7866E-04 | -1.3647E-04 | 2.7792E-04 | -1.4419E-04 |
| 20.0 | 2.5509E-04 | -1.5618E-04 | 2.5369E-04 | -1.6349E-04 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | INFINITY | -1.3090E+00 | INFINITY | - INFINITY |
| 0.1 | 2.4128E+00 | -1.3019E+00 | 2.4874E+00 | -9.7832E+00 |
| 0.2 | 1.7083E+00 | -1.2841E+00 | 1.1116E+00 | -5.0101E+00 |
| 0.3 | 1.2895E+00 | -1.2578E+00 | 6.0703E-01 | -3.4311E+00 |
| 0.4 | 9.8806E-01 | -1.2241E+00 | 3.2493E-01 | -2.6403E+00 |
| 0.5 | 7.5209E-01 | -1.1842E+00 | 1.3522E-01 | -2.1591E+00 |
| 0.6 | 5.5875E-01 | -1.1388E+00 | -5.5439E-03 | -1.8292E+00 |
| 0.7 | 3.9607E-01 | -1.0887E+00 | -1.1599E-01 | -1.5836E+00 |
| 0.8 | 2.5702E-01 | -1.0346E+00 | -2.0545E-01 | -1.3891E+00 |
| 0.9 | 1.3715E-01 | -9.7730E-01 | -2.7911E-01 | -1.2279E+00 |
| 1.0 | 3.3415E-02 | -9.1735E-01 | -3.4015E-01 | -1.0895E+00 |
| 1.1 | -5.6333E-02 | -8.5540E-01 | -3.9059E-01 | -9.6733E-01 |
| 1.2 | -1.3371E-01 | -7.9202E-01 | -4.3186E-01 | -8.5736E-01 |
| 1.3 | -1.9998E-01 | -7.2777E-01 | -4.6500E-01 | -7.5689E-01 |
| 1.4 | -2.5617E-01 | -6.6318E-01 | -4.9080E-01 | -6.6413E-01 |
| 1.5 | -3.0314E-01 | -5.9873E-01 | -5.0994E-01 | -5.7787E-01 |
| 1.6 | -3.4165E-01 | -5.3490E-01 | -5.2296E-01 | -4.9730E-01 |
| 1.7 | -3.7236E-01 | -4.7210E-01 | -5.3038E-01 | -4.2187E-01 |
| 1.8 | -3.9589E-01 | -4.1072E-01 | -5.3264E-01 | -3.5120E-01 |
| 1.9 | -4.1282E-01 | -3.5113E-01 | -5.3019E-01 | -2.8504E-01 |
| 2.0 | -4.2369E-01 | -2.9365E-01 | -5.2343E-01 | -2.2322E-01 |
| 2.1 | -4.2902E-01 | -2.3855E-01 | -5.1277E-01 | -1.6563E-01 |
| 2.2 | -4.2931E-01 | -1.8609E-01 | -4.9860E-01 | -1.1220E-01 |
| 2.3 | -4.2504E-01 | -1.3648E-01 | -4.8130E-01 | -6.2849E-02 |
| 2.4 | -4.1669E-01 | -8.9911E-02 | -4.6124E-01 | -1.7539E-02 |
| 2.5 | -4.0470E-01 | -4.6515E-02 | -4.3878E-01 | 2.3782E-02 |
| 2.6 | -3.8952E-01 | -6.4076E-03 | -4.1429E-01 | 6.1168E-02 |
| 2.7 | -3.7158E-01 | 3.0332E-02 | -3.8810E-01 | 9.4681E-02 |
| 2.8 | -3.5128E-01 | 6.3656E-02 | -3.6056E-01 | 1.2439E-01 |
| 2.9 | -3.2901E-01 | 9.3545E-02 | -3.3197E-01 | 1.5039E-01 |
| 3.0 | -3.0516E-01 | 1.2001E-01 | -3.0266E-01 | 1.7278E-01 |
| 3.1 | -2.8009E-01 | 1.4309E-01 | -2.7291E-01 | 1.9166E-01 |
| 3.2 | -2.5412E-01 | 1.6284E-01 | -2.4300E-01 | 2.0716E-01 |
| 3.3 | -2.2759E-01 | 1.7934E-01 | -2.1319E-01 | 2.1942E-01 |
| 3.4 | -2.0079E-01 | 1.9270E-01 | -1.8373E-01 | 2.2859E-01 |
| 3.5 | -1.7401E-01 | 2.0304E-01 | -1.5484E-01 | 2.3484E-01 |
| 3.6 | -1.4749E-01 | 2.1051E-01 | -1.2672E-01 | 2.3834E-01 |
| 3.7 | -1.2148E-01 | 2.1524E-01 | -9.9554E-02 | 2.3926E-01 |
| 3.8 | -9.6185E-02 | 2.1741E-01 | -7.3517E-02 | 2.3780E-01 |
| 3.9 | -7.1796E-02 | 2.1719E-01 | -4.8751E-02 | 2.3414E-01 |
| 4.0 | -4.8481E-02 | 2.1477E-01 | -2.5381E-02 | 2.2848E-01 |
| 4.1 | -2.6387E-02 | 2.1033E-01 | -3.5138E-03 | 2.2103E-01 |
| 4.2 | -5.6377E-03 | 2.0407E-01 | 1.6764E-02 | 2.1198E-01 |
| 4.3 | 1.3665E-02 | 1.9619E-01 | 3.5384E-02 | 2.0153E-01 |
| 4.4 | 3.1439E-02 | 1.8687E-01 | 5.2297E-02 | 1.8987E-01 |
| 4.5 | 4.7621E-02 | 1.7632E-01 | 6.7472E-02 | 1.7721E-01 |
| 4.6 | 6.2170E-02 | 1.6473E-01 | 8.0894E-02 | 1.6373E-01 |
| 4.7 | 7.5059E-02 | 1.5228E-01 | 9.2563E-02 | 1.4962E-01 |
| 4.8 | 8.6282E-02 | 1.3916E-01 | 1.0250E-01 | 1.3504E-01 |
| 4.9 | 9.5847E-02 | 1.2555E-01 | 1.1072E-01 | 1.2017E-01 |
| 5.0 | 1.0378E-01 | 1.1160E-01 | 1.1728E-01 | 1.0517E-01 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | 1.0378E-01 | 1.1160E-01 | 1.1728E-01 | 1.0517E-01 |
| 5.1 | 1.1011E-01 | 9.7495E-02 | 1.2224E-01 | 9.0189E-02 |
| 5.2 | 1.1489E-01 | 8.3369E-02 | 1.2565E-01 | 7.5363E-02 |
| 5.3 | 1.1819E-01 | 6.9365E-02 | 1.2759E-01 | 6.0821E-02 |
| 5.4 | 1.2006E-01 | 5.5613E-02 | 1.2815E-01 | 4.6682E-02 |
| 5.5 | 1.2060E-01 | 4.2230E-02 | 1.2740E-01 | 3.3053E-02 |
| 5.6 | 1.1988E-01 | 2.9323E-02 | 1.2546E-01 | 2.0026E-02 |
| 5.7 | 1.1800E-01 | 1.6986E-02 | 1.2242E-01 | 7.6860E-03 |
| 5.8 | 1.1506E-01 | 5.3018E-03 | 1.1837E-01 | -3.8974E-03 |
| 5.9 | 1.1116E-01 | -5.6586E-03 | 1.1344E-01 | -1.4665E-02 |
| 6.0 | 1.0639E-01 | -1.5836E-02 | 1.0772E-01 | -2.4567E-02 |
| 6.1 | 1.0087E-01 | -2.5182E-02 | 1.0132E-01 | -3.3569E-02 |
| 6.2 | 9.4697E-02 | -3.3661E-02 | 9.4344E-02 | -4.1643E-02 |
| 6.3 | 8.7976E-02 | -4.1246E-02 | 8.6903E-02 | -4.8773E-02 |
| 6.4 | 8.0810E-02 | -4.7921E-02 | 7.9097E-02 | -5.4955E-02 |
| 6.5 | 7.3298E-02 | -5.3681E-02 | 7.1023E-02 | -6.0189E-02 |
| 6.6 | 6.5538E-02 | -5.8528E-02 | 6.2778E-02 | -6.4489E-02 |
| 6.7 | 5.7621E-02 | -6.2476E-02 | 5.4451E-02 | -6.7874E-02 |
| 6.8 | 4.9635E-02 | -6.5542E-02 | 4.6128E-02 | -7.0371E-02 |
| 6.9 | 4.1665E-02 | -6.7754E-02 | 3.7889E-02 | -7.2013E-02 |
| 7.0 | 3.3787E-02 | -6.9146E-02 | 2.9808E-02 | -7.2839E-02 |
| 7.1 | 2.6073E-02 | -6.9756E-02 | 2.1952E-02 | -7.2895E-02 |
| 7.2 | 1.8589E-02 | -6.9629E-02 | 1.4383E-02 | -7.2229E-02 |
| 7.3 | 1.1394E-02 | -6.8813E-02 | 7.1559E-03 | -7.0894E-02 |
| 7.4 | 4.5397E-03 | -6.7359E-02 | 3.1855E-04 | -6.8945E-02 |
| 7.5 | -1.9275E-03 | -6.5324E-02 | -6.0878E-03 | -6.6440E-02 |
| 7.6 | -7.9685E-03 | -6.2763E-02 | -1.2029E-02 | -6.3440E-02 |
| 7.7 | -1.3551E-02 | -5.9736E-02 | -1.7475E-02 | -6.0003E-02 |
| 7.8 | -1.8648E-02 | -5.6301E-02 | -2.2407E-02 | -5.6191E-02 |
| 7.9 | -2.3241E-02 | -5.2518E-02 | -2.6808E-02 | -5.2065E-02 |
| 8.0 | -2.7315E-02 | -4.8447E-02 | -3.0669E-02 | -4.7685E-02 |
| 8.1 | -3.0863E-02 | -4.4144E-02 | -3.3986E-02 | -4.3108E-02 |
| 8.2 | -3.3884E-02 | -3.9668E-02 | -3.6762E-02 | -3.8391E-02 |
| 8.3 | -3.6379E-02 | -3.5073E-02 | -3.9002E-02 | -3.3590E-02 |
| 8.4 | -3.8357E-02 | -3.0412E-02 | -4.0719E-02 | -2.8755E-02 |
| 8.5 | -3.9831E-02 | -2.5735E-02 | -4.1928E-02 | -2.3937E-02 |
| 8.6 | -4.0817E-02 | -2.1088E-02 | -4.2649E-02 | -1.9180E-02 |
| 8.7 | -4.1336E-02 | -1.6517E-02 | -4.2906E-02 | -1.4527E-02 |
| 8.8 | -4.1411E-02 | -1.2060E-02 | -4.2723E-02 | -1.0018E-02 |
| 8.9 | -4.1069E-02 | -7.7563E-03 | -4.2131E-02 | -5.6864E-03 |
| 9.0 | -4.0339E-02 | -3.6374E-03 | -4.1160E-02 | -1.5644E-03 |
| 9.1 | -3.9251E-02 | 2.6704E-04 | -3.9842E-02 | 2.3211E-03 |
| 9.2 | -3.7839E-02 | 3.9316E-03 | -3.8212E-02 | 5.9465E-03 |
| 9.3 | -3.6136E-02 | 7.3347E-03 | -3.6305E-02 | 9.2925E-03 |
| 9.4 | -3.4176E-02 | 1.0459E-02 | -3.4156E-02 | 1.2343E-02 |
| 9.5 | -3.1995E-02 | 1.3290E-02 | -3.1801E-02 | 1.5088E-02 |
| 9.6 | -2.9627E-02 | 1.5819E-02 | -2.9274E-02 | 1.7517E-02 |
| 9.7 | -2.7107E-02 | 1.8037E-02 | -2.6613E-02 | 1.9626E-02 |
| 9.8 | -2.4469E-02 | 1.9943E-02 | -2.3849E-02 | 2.1415E-02 |
| 9.9 | -2.1747E-02 | 2.1537E-02 | -2.1017E-02 | 2.2885E-02 |
| 10.0 | -1.8971E-02 | 2.2820E-02 | -1.8149E-02 | 2.4041E-02 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | -1.8971E-02 | 2.2820E-02 | -1.8149E-02 | 2.4041E-02 |
| 10.1 | -1.6173E-02 | 2.3801E-02 | -1.5274E-02 | 2.4891E-02 |
| 10.2 | -1.3381E-02 | 2.4486E-02 | -1.2420E-02 | 2.5444E-02 |
| 10.3 | -1.0623E-02 | 2.4887E-02 | -9.6157E-03 | 2.5714E-02 |
| 10.4 | -7.9237E-03 | 2.5017E-02 | -6.8838E-03 | 2.5714E-02 |
| 10.5 | -5.3063E-03 | 2.4891E-02 | -4.2473E-03 | 2.5461E-02 |
| 10.6 | -2.7917E-03 | 2.4525E-02 | -1.7260E-03 | 2.4972E-02 |
| 10.7 | -3.9861E-04 | 2.3938E-02 | 6.6223E-04 | 2.4266E-02 |
| 10.8 | 1.8568E-03 | 2.3148E-02 | 2.9020E-03 | 2.3363E-02 |
| 10.9 | 3.9603E-03 | 2.2175E-02 | 4.9802E-03 | 2.2283E-02 |
| 11.0 | 5.9003E-03 | 2.1039E-02 | 6.8863E-03 | 2.1048E-02 |
| 11.1 | 7.6673E-03 | 1.9762E-02 | 8.6116E-03 | 1.9679E-02 |
| 11.2 | 9.2541E-03 | 1.8364E-02 | 1.0150E-02 | 1.8197E-02 |
| 11.3 | 1.0656E-02 | 1.6866E-02 | 1.1498E-02 | 1.6623E-02 |
| 11.4 | 1.1870E-02 | 1.5289E-02 | 1.2653E-02 | 1.4978E-02 |
| 11.5 | 1.2894E-02 | 1.3653E-02 | 1.3616E-02 | 1.3282E-02 |
| 11.6 | 1.3731E-02 | 1.1978E-02 | 1.4387E-02 | 1.1555E-02 |
| 11.7 | 1.4383E-02 | 1.0281E-02 | 1.4972E-02 | 9.8163E-03 |
| 11.8 | 1.4854E-02 | 8.5828E-03 | 1.5375E-02 | 8.0825E-03 |
| 11.9 | 1.5151E-02 | 6.8983E-03 | 1.5603E-02 | 6.3707E-03 |
| 12.0 | 1.5280E-02 | 5.2438E-03 | 1.5664E-02 | 4.6963E-03 |
| 12.1 | 1.5250E-02 | 3.6338E-03 | 1.5567E-02 | 3.0736E-03 |
| 12.2 | 1.5071E-02 | 2.0815E-03 | 1.5323E-02 | 1.5153E-03 |
| 12.3 | 1.4754E-02 | 5.9893E-04 | 1.4942E-02 | 3.3010E-05 |
| 12.4 | 1.4308E-02 | -8.0346E-04 | 1.4436E-02 | -1.3633E-03 |
| 12.5 | 1.3747E-02 | -2.1165E-03 | 1.3817E-02 | -2.6649E-03 |
| 12.6 | 1.3082E-02 | -3.3325E-03 | 1.3099E-02 | -3.8646E-03 |
| 12.7 | 1.2327E-02 | -4.4450E-03 | 1.2293E-02 | -4.9566E-03 |
| 12.8 | 1.1493E-02 | -5.4493E-03 | 1.1413E-02 | -5.9365E-03 |
| 12.9 | 1.0593E-02 | -6.3415E-03 | 1.0471E-02 | -6.8012E-03 |
| 13.0 | 9.6409E-03 | -7.1195E-03 | 9.4811E-03 | -7.5489E-03 |
| 13.1 | 8.6482E-03 | -7.7822E-03 | 8.4549E-03 | -8.1791E-03 |
| 13.2 | 7.6272E-03 | -8.3297E-03 | 7.4049E-03 | -8.6923E-03 |
| 13.3 | 6.5895E-03 | -8.7634E-03 | 6.3425E-03 | -9.0904E-03 |
| 13.4 | 5.5464E-03 | -9.0854E-03 | 5.2790E-03 | -9.3761E-03 |
| 13.5 | 4.5083E-03 | -9.2991E-03 | 4.2249E-03 | -9.5530E-03 |
| 13.6 | 3.4854E-03 | -9.4086E-03 | 3.1898E-03 | -9.6258E-03 |
| 13.7 | 2.4866E-03 | -9.4188E-03 | 2.1828E-03 | -9.5996E-03 |
| 13.8 | 1.5205E-03 | -9.3353E-03 | 1.2122E-03 | -9.4805E-03 |
| 13.9 | 5.9477E-04 | -9.1644E-03 | 2.8542E-04 | -9.2750E-03 |
| 14.0 | -2.8390E-04 | -8.9127E-03 | -5.9105E-04 | -8.9900E-03 |
| 14.1 | -1.1095E-03 | -8.5873E-03 | -1.4115E-03 | -8.6329E-03 |
| 14.2 | -1.8770E-03 | -8.1957E-03 | -2.1711E-03 | -8.2113E-03 |
| 14.3 | -2.5822E-03 | -7.7454E-03 | -2.8658E-03 | -7.7330E-03 |
| 14.4 | -3.2216E-03 | -7.2443E-03 | -3.4927E-03 | -7.2060E-03 |
| 14.5 | -3.7928E-03 | -6.7003E-03 | -4.0495E-03 | -6.6382E-03 |
| 14.6 | -4.2937E-03 | -6.1210E-03 | -4.5346E-03 | -6.0375E-03 |
| 14.7 | -4.7242E-03 | -5.5143E-03 | -4.9475E-03 | -5.4117E-03 |
| 14.8 | -5.0834E-03 | -4.8876E-03 | -5.2882E-03 | -4.7683E-03 |
| 14.9 | -5.3719E-03 | -4.2482E-03 | -5.5574E-03 | -4.1146E-03 |
| 15.0 | -5.5911E-03 | -3.6033E-03 | -5.7568E-03 | -3.4576E-03 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | -5.5911E-03 | -3.6033E-03 | -5.7568E-03 | -3.4576E-03 |
| 15.1 | -5.7426E-03 | -2.9593E-03 | -5.8881E-03 | -2.8040E-03 |
| 15.2 | -5.8288E-03 | -2.3226E-03 | -5.9542E-03 | -2.1599E-03 |
| 15.3 | -5.8527E-03 | -1.6991E-03 | -5.9579E-03 | -1.5312E-03 |
| 15.4 | -5.8174E-03 | -1.0941E-03 | -5.9028E-03 | -9.2300E-04 |
| 15.5 | -5.7267E-03 | -5.1255E-04 | -5.7928E-03 | -3.4022E-04 |
| 15.6 | -5.5847E-03 | 4.1203E-05 | -5.6321E-03 | 2.1291E-04 |
| 15.7 | -5.3955E-03 | 5.6326E-04 | -5.4251E-03 | 7.3264E-04 |
| 15.8 | -5.1638E-03 | 1.0503E-03 | -5.1764E-03 | 1.2158E-03 |
| 15.9 | -4.8943E-03 | 1.4995E-03 | -4.8910E-03 | 1.6597E-03 |
| 16.0 | -4.5917E-03 | 1.9086E-03 | -4.5735E-03 | 2.0622E-03 |
| 16.1 | -4.2608E-03 | 2.2758E-03 | -4.2290E-03 | 2.4217E-03 |
| 16.2 | -3.9065E-03 | 2.5999E-03 | -3.8624E-03 | 2.7371E-03 |
| 16.3 | -3.5337E-03 | 2.8801E-03 | -3.4785E-03 | 3.0079E-03 |
| 16.4 | -3.1469E-03 | 3.1161E-03 | -3.0820E-03 | 3.2338E-03 |
| 16.5 | -2.7509E-03 | 3.3082E-03 | -2.6775E-03 | 3.4152E-03 |
| 16.6 | -2.3500E-03 | 3.4569E-03 | -2.2695E-03 | 3.5529E-03 |
| 16.7 | -1.9484E-03 | 3.5631E-03 | -1.8621E-03 | 3.6479E-03 |
| 16.8 | -1.5502E-03 | 3.6283E-03 | -1.4592E-03 | 3.7017E-03 |
| 16.9 | -1.1590E-03 | 3.6540E-03 | -1.0647E-03 | 3.7162E-03 |
| 17.0 | -7.7826E-04 | 3.6423E-03 | -6.8183E-04 | 3.6932E-03 |
| 17.1 | -4.1120E-04 | 3.5953E-03 | -3.1373E-04 | 3.6353E-03 |
| 17.2 | -6.0622E-05 | 3.5156E-03 | 3.6818E-05 | 3.5449E-03 |
| 17.3 | 2.7094E-04 | 3.4056E-03 | 3.6737E-04 | 3.4248E-03 |
| 17.4 | 5.8130E-04 | 3.2683E-03 | 6.7581E-04 | 3.2777E-03 |
| 17.5 | 8.6859E-04 | 3.1064E-03 | 9.6035E-04 | 3.1066E-03 |
| 17.6 | 1.1313E-03 | 2.9229E-03 | 1.2196E-03 | 2.9146E-03 |
| 17.7 | 1.3682E-03 | 2.7209E-03 | 1.4523E-03 | 2.7047E-03 |
| 17.8 | 1.5784E-03 | 2.5034E-03 | 1.6577E-03 | 2.4799E-03 |
| 17.9 | 1.7613E-03 | 2.2733E-03 | 1.8355E-03 | 2.2433E-03 |
| 18.0 | 1.9167E-03 | 2.0336E-03 | 1.9852E-03 | 1.9979E-03 |
| 18.1 | 2.0445E-03 | 1.7873E-03 | 2.1071E-03 | 1.7465E-03 |
| 18.2 | 2.1451E-03 | 1.5371E-03 | 2.2015E-03 | 1.4920E-03 |
| 18.3 | 2.2190E-03 | 1.2856E-03 | 2.2691E-03 | 1.2370E-03 |
| 18.4 | 2.2670E-03 | 1.0355E-03 | 2.3106E-03 | 9.8406E-04 |
| 18.5 | 2.2899E-03 | 7.8910E-04 | 2.3270E-03 | 7.3553E-04 |
| 18.6 | 2.2890E-03 | 5.4860E-04 | 2.3198E-03 | 4.9359E-04 |
| 18.7 | 2.2656E-03 | 3.1605E-04 | 2.2901E-03 | 2.6025E-04 |
| 18.8 | 2.2213E-03 | 9.3304E-05 | 2.2396E-03 | 3.7330E-05 |
| 18.9 | 2.1575E-03 | -1.1801E-04 | 2.1699E-03 | -1.7358E-04 |
| 19.0 | 2.0760E-03 | -3.1645E-04 | 2.0827E-03 | -3.7109E-04 |
| 19.1 | 1.9786E-03 | -5.0078E-04 | 1.9800E-03 | -5.5399E-04 |
| 19.2 | 1.8671E-03 | -6.6997E-04 | 1.8635E-03 | -7.2130E-04 |
| 19.3 | 1.7434E-03 | -8.2320E-04 | 1.7351E-03 | -8.7226E-04 |
| 19.4 | 1.6094E-03 | -9.5984E-04 | 1.5968E-03 | -1.0063E-03 |
| 19.5 | 1.4670E-03 | -1.0795E-03 | 1.4506E-03 | -1.1230E-03 |
| 19.6 | 1.3180E-03 | -1.1819E-03 | 1.2981E-03 | -1.2223E-03 |
| 19.7 | 1.1642E-03 | -1.2670E-03 | 1.1414E-03 | -1.3040E-03 |
| 19.8 | 1.0076E-03 | -1.3350E-03 | 9.8207E-04 | -1.3684E-03 |
| 19.9 | 8.4961E-04 | -1.3860E-03 | 8.2195E-04 | -1.4159E-03 |
| 20.0 | 6.9201E-04 | -1.4206E-03 | 6.6260E-04 | -1.4468E-03 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | INFINITY | -1.3963E+00 | INFINITY | - INFINITY |
| 0.1 | 2.4117E+00 | -1.3901E+00 | 1.6426E+00 | -9.9795E+00 |
| 0.2 | 1.7046E+00 | -1.3739E+00 | 6.9344E-01 | -5.1180E+00 |
| 0.3 | 1.2818E+00 | -1.3493E+00 | 3.2935E-01 | -3.5126E+00 |
| 0.4 | 9.7535E-01 | -1.3171E+00 | 1.1522E-01 | -2.7102E+00 |
| 0.5 | 7.3353E-01 | -1.2781E+00 | -3.6032E-02 | -2.2229E+00 |
| 0.6 | 5.3364E-01 | -1.2330E+00 | -1.5334E-01 | -1.8891E+00 |
| 0.7 | 3.6390E-01 | -1.1825E+00 | -2.4902E-01 | -1.6404E+00 |
| 0.8 | 2.1744E-01 | -1.1272E+00 | -3.2917E-01 | -1.4431E+00 |
| 0.9 | 8.9955E-02 | -1.0677E+00 | -3.9712E-01 | -1.2788E+00 |
| 1.0 | -2.1426E-02 | -1.0048E+00 | -4.5486E-01 | -1.1368E+00 |
| 1.1 | -1.1872E-01 | -9.3886E-01 | -5.0364E-01 | -1.0106E+00 |
| 1.2 | -2.0341E-01 | -8.7066E-01 | -5.4432E-01 | -8.9596E-01 |
| 1.3 | -2.7662E-01 | -8.0073E-01 | -5.7752E-01 | -7.9024E-01 |
| 1.4 | -3.3927E-01 | -7.2965E-01 | -6.0372E-01 | -6.9162E-01 |
| 1.5 | -3.9211E-01 | -6.5798E-01 | -6.2333E-01 | -5.9896E-01 |
| 1.6 | -4.3580E-01 | -5.8625E-01 | -6.3671E-01 | -5.1148E-01 |
| 1.7 | -4.7093E-01 | -5.1498E-01 | -6.4419E-01 | -4.2870E-01 |
| 1.8 | -4.9804E-01 | -4.4464E-01 | -6.4611E-01 | -3.5033E-01 |
| 1.9 | -5.1766E-01 | -3.7570E-01 | -6.4279E-01 | -2.7620E-01 |
| 2.0 | -5.3028E-01 | -3.0858E-01 | -6.3458E-01 | -2.0624E-01 |
| 2.1 | -5.3640E-01 | -2.4368E-01 | -6.2181E-01 | -1.4042E-01 |
| 2.2 | -5.3651E-01 | -1.8135E-01 | -6.0484E-01 | -7.8759E-02 |
| 2.3 | -5.3107E-01 | -1.2191E-01 | -5.8403E-01 | -2.1302E-02 |
| 2.4 | -5.2058E-01 | -6.5663E-02 | -5.5975E-01 | 3.1912E-02 |
| 2.5 | -5.0550E-01 | -1.2848E-02 | -5.3236E-01 | 8.0840E-02 |
| 2.6 | -4.8632E-01 | 3.6320E-02 | -5.0226E-01 | 1.2545E-01 |
| 2.7 | -4.6351E-01 | 8.1669E-02 | -4.6981E-01 | 1.6571E-01 |
| 2.8 | -4.3752E-01 | 1.2306E-01 | -4.3540E-01 | 2.0163E-01 |
| 2.9 | -4.0882E-01 | 1.6040E-01 | -3.9940E-01 | 2.3322E-01 |
| 3.0 | -3.7786E-01 | 1.9361E-01 | -3.6219E-01 | 2.6051E-01 |
| 3.1 | -3.4508E-01 | 2.2268E-01 | -3.2412E-01 | 2.8358E-01 |
| 3.2 | -3.1089E-01 | 2.4761E-01 | -2.8555E-01 | 3.0248E-01 |
| 3.3 | -2.7572E-01 | 2.6844E-01 | -2.4682E-01 | 3.1734E-01 |
| 3.4 | -2.3994E-01 | 2.8523E-01 | -2.0825E-01 | 3.2828E-01 |
| 3.5 | -2.0395E-01 | 2.9809E-01 | -1.7015E-01 | 3.3544E-01 |
| 3.6 | -1.6808E-01 | 3.0714E-01 | -1.3282E-01 | 3.3899E-01 |
| 3.7 | -1.3267E-01 | 3.1253E-01 | -9.6529E-02 | 3.3911E-01 |
| 3.8 | -9.8036E-02 | 3.1444E-01 | -6.1521E-02 | 3.3600E-01 |
| 3.9 | -6.4448E-02 | 3.1305E-01 | -2.8027E-02 | 3.2989E-01 |
| 4.0 | -3.2169E-02 | 3.0857E-01 | 3.7487E-03 | 3.2099E-01 |
| 4.1 | -1.4291E-03 | 3.0124E-01 | 3.3624E-02 | 3.0954E-01 |
| 4.2 | 2.7567E-02 | 2.9128E-01 | 6.1443E-02 | 2.9579E-01 |
| 4.3 | 5.4642E-02 | 2.7895E-01 | 8.7072E-02 | 2.7999E-01 |
| 4.4 | 7.9645E-02 | 2.6449E-01 | 1.1041E-01 | 2.6240E-01 |
| 4.5 | 1.0245E-01 | 2.4818E-01 | 1.3136E-01 | 2.4328E-01 |
| 4.6 | 1.2297E-01 | 2.3026E-01 | 1.4987E-01 | 2.2288E-01 |
| 4.7 | 1.4113E-01 | 2.1100E-01 | 1.6592E-01 | 2.0145E-01 |
| 4.8 | 1.5688E-01 | 1.9067E-01 | 1.7947E-01 | 1.7926E-01 |
| 4.9 | 1.7020E-01 | 1.6951E-01 | 1.9055E-01 | 1.5655E-01 |
| 5.0 | 1.8110E-01 | 1.4778E-01 | 1.9919E-01 | 1.3354E-01 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | 1.8110E-01 | 1.4778E-01 | 1.9919E-01 | 1.3354E-01 |
| 5.1 | 1.8960E-01 | 1.2572E-01 | 2.0542E-01 | 1.1048E-01 |
| 5.2 | 1.9574E-01 | 1.0356E-01 | 2.0933E-01 | 8.7569E-02 |
| 5.3 | 1.9960E-01 | 8.1523E-02 | 2.1100E-01 | 6.5024E-02 |
| 5.4 | 2.0125E-01 | 5.9812E-02 | 2.1053E-01 | 4.3032E-02 |
| 5.5 | 2.0080E-01 | 3.8624E-02 | 2.0804E-01 | 2.1771E-02 |
| 5.6 | 1.9835E-01 | 1.8138E-02 | 2.0365E-01 | 1.4008E-03 |
| 5.7 | 1.9405E-01 | -1.4834E-03 | 1.9750E-01 | -1.7932E-02 |
| 5.8 | 1.8801E-01 | -2.0093E-02 | 1.8973E-01 | -3.6098E-02 |
| 5.9 | 1.8040E-01 | -3.7560E-02 | 1.8052E-01 | -5.2986E-02 |
| 6.0 | 1.7136E-01 | -5.3773E-02 | 1.7001E-01 | -6.8500E-02 |
| 6.1 | 1.6106E-01 | -6.8637E-02 | 1.5836E-01 | -8.2563E-02 |
| 6.2 | 1.4965E-01 | -8.2074E-02 | 1.4576E-01 | -9.5113E-02 |
| 6.3 | 1.3732E-01 | -9.4025E-02 | 1.3236E-01 | -1.0611E-01 |
| 6.4 | 1.2421E-01 | -1.0445E-01 | 1.1832E-01 | -1.1552E-01 |
| 6.5 | 1.1051E-01 | -1.1331E-01 | 1.0383E-01 | -1.2333E-01 |
| 6.6 | 9.6368E-02 | -1.2061E-01 | 8.9026E-02 | -1.2956E-01 |
| 6.7 | 8.1951E-02 | -1.2635E-01 | 7.4077E-02 | -1.3421E-01 |
| 6.8 | 6.7412E-02 | -1.3055E-01 | 5.9131E-02 | -1.3732E-01 |
| 6.9 | 5.2899E-02 | -1.3324E-01 | 4.4329E-02 | -1.3893E-01 |
| 7.0 | 3.8554E-02 | -1.3447E-01 | 2.9808E-02 | -1.3910E-01 |
| 7.1 | 2.4509E-02 | -1.3430E-01 | 1.5693E-02 | -1.3790E-01 |
| 7.2 | 1.0887E-02 | -1.3280E-01 | 2.0993E-03 | -1.3541E-01 |
| 7.3 | -2.1984E-03 | -1.3004E-01 | -1.0867E-02 | -1.3170E-01 |
| 7.4 | -1.4644E-02 | -1.2612E-01 | -2.3110E-02 | -1.2688E-01 |
| 7.5 | -2.6358E-02 | -1.2112E-01 | -3.4548E-02 | -1.2104E-01 |
| 7.6 | -3.7260E-02 | -1.1514E-01 | -4.5107E-02 | -1.1429E-01 |
| 7.7 | -4.7282E-02 | -1.0830E-01 | -5.4727E-02 | -1.0674E-01 |
| 7.8 | -5.6365E-02 | -1.0069E-01 | -6.3359E-02 | -9.8484E-02 |
| 7.9 | -6.4466E-02 | -9.2436E-02 | -7.0967E-02 | -8.9649E-02 |
| 8.0 | -7.1549E-02 | -8.3639E-02 | -7.7524E-02 | -8.0344E-02 |
| 8.1 | -7.7593E-02 | -7.4413E-02 | -8.3015E-02 | -7.0680E-02 |
| 8.2 | -8.2585E-02 | -6.4870E-02 | -8.7436E-02 | -6.0768E-02 |
| 8.3 | -8.6526E-02 | -5.5117E-02 | -9.0794E-02 | -5.0715E-02 |
| 8.4 | -8.9426E-02 | -4.5260E-02 | -9.3106E-02 | -4.0623E-02 |
| 8.5 | -9.1302E-02 | -3.5401E-02 | -9.4396E-02 | -3.0594E-02 |
| 8.6 | -9.2184E-02 | -2.5637E-02 | -9.4700E-02 | -2.0722E-02 |
| 8.7 | -9.2108E-02 | -1.6059E-02 | -9.4057E-02 | -1.1094E-02 |
| 8.8 | -9.1118E-02 | -6.7533E-03 | -9.2519E-02 | -1.7935E-03 |
| 8.9 | -8.9266E-02 | 2.2008E-03 | -9.0140E-02 | 7.1043E-03 |
| 9.0 | -8.6609E-02 | 1.0731E-02 | -8.6981E-02 | 1.5531E-02 |
| 9.1 | -8.3208E-02 | 1.8773E-02 | -8.3108E-02 | 2.3426E-02 |
| 9.2 | -7.9131E-02 | 2.6269E-02 | -7.8591E-02 | 3.0737E-02 |
| 9.3 | -7.4449E-02 | 3.3170E-02 | -7.3502E-02 | 3.7418E-02 |
| 9.4 | -6.9233E-02 | 3.9434E-02 | -6.7917E-02 | 4.3433E-02 |
| 9.5 | -6.3561E-02 | 4.5028E-02 | -6.1911E-02 | 4.8752E-02 |
| 9.6 | -5.7506E-02 | 4.9928E-02 | -5.5563E-02 | 5.3356E-02 |
| 9.7 | -5.1147E-02 | 5.4115E-02 | -4.8948E-02 | 5.7230E-02 |
| 9.8 | -4.4560E-02 | 5.7579E-02 | -4.2144E-02 | 6.0370E-02 |
| 9.9 | -3.7818E-02 | 6.0319E-02 | -3.5224E-02 | 6.2777E-02 |
| 10.0 | -3.0996E-02 | 6.2340E-02 | -2.8262E-02 | 6.4459E-02 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | -3.0996E-02 | 6.2340E-02 | -2.8262E-02 | 6.4459E-02 |
| 10.1 | -2.4164E-02 | 6.3652E-02 | -2.1327E-02 | 6.5434E-02 |
| 10.2 | -1.7389E-02 | 6.4275E-02 | -1.4485E-02 | 6.5721E-02 |
| 10.3 | -1.0737E-02 | 6.4231E-02 | -7.7993E-03 | 6.5348E-02 |
| 10.4 | -4.2668E-03 | 6.3552E-02 | -1.3282E-03 | 6.4347E-02 |
| 10.5 | 1.9654E-03 | 6.2271E-02 | 4.8746E-03 | 6.2757E-02 |
| 10.6 | 7.9084E-03 | 6.0426E-02 | 1.0760E-02 | 6.0617E-02 |
| 10.7 | 1.3516E-02 | 5.8061E-02 | 1.6285E-02 | 5.7972E-02 |
| 10.8 | 1.8748E-02 | 5.5221E-02 | 2.1410E-02 | 5.4871E-02 |
| 10.9 | 2.3569E-02 | 5.1955E-02 | 2.6104E-02 | 5.1362E-02 |
| 11.0 | 2.7949E-02 | 4.8313E-02 | 3.0338E-02 | 4.7499E-02 |
| 11.1 | 3.1864E-02 | 4.4347E-02 | 3.4091E-02 | 4.3334E-02 |
| 11.2 | 3.5295E-02 | 4.0111E-02 | 3.7347E-02 | 3.8920E-02 |
| 11.3 | 3.8229E-02 | 3.5657E-02 | 4.0096E-02 | 3.4312E-02 |
| 11.4 | 4.0659E-02 | 3.1040E-02 | 4.2332E-02 | 2.9562E-02 |
| 11.5 | 4.2582E-02 | 2.6310E-02 | 4.4056E-02 | 2.4724E-02 |
| 11.6 | 4.4001E-02 | 2.1521E-02 | 4.5272E-02 | 1.9848E-02 |
| 11.7 | 4.4922E-02 | 1.6721E-02 | 4.5990E-02 | 1.4984E-02 |
| 11.8 | 4.5359E-02 | 1.1958E-02 | 4.6224E-02 | 1.0179E-02 |
| 11.9 | 4.5328E-02 | 7.2774E-03 | 4.5993E-02 | 5.4769E-03 |
| 12.0 | 4.4848E-02 | 2.7223E-03 | 4.5318E-02 | 9.1967E-04 |
| 12.1 | 4.3944E-02 | -1.6678E-03 | 4.4225E-02 | -3.4541E-03 |
| 12.2 | 4.2641E-02 | -5.8568E-03 | 4.2742E-02 | -7.6094E-03 |
| 12.3 | 4.0971E-02 | -9.8118E-03 | 4.0901E-02 | -1.1515E-02 |
| 12.4 | 3.8964E-02 | -1.3504E-02 | 3.8733E-02 | -1.5142E-02 |
| 12.5 | 3.6655E-02 | -1.6907E-02 | 3.6275E-02 | -1.8469E-02 |
| 12.6 | 3.4078E-02 | -2.0001E-02 | 3.3562E-02 | -2.1473E-02 |
| 12.7 | 3.1272E-02 | -2.2767E-02 | 3.0632E-02 | -2.4141E-02 |
| 12.8 | 2.8272E-02 | -2.5192E-02 | 2.7522E-02 | -2.6459E-02 |
| 12.9 | 2.5117E-02 | -2.7266E-02 | 2.4271E-02 | -2.8419E-02 |
| 13.0 | 2.1845E-02 | -2.8984E-02 | 2.0916E-02 | -3.0017E-02 |
| 13.1 | 1.8491E-02 | -3.0343E-02 | 1.7494E-02 | -3.1253E-02 |
| 13.2 | 1.5093E-02 | -3.1345E-02 | 1.4042E-02 | -3.2130E-02 |
| 13.3 | 1.1687E-02 | -3.1995E-02 | 1.0595E-02 | -3.2653E-02 |
| 13.4 | 8.3048E-03 | -3.2301E-02 | 7.1859E-03 | -3.2833E-02 |
| 13.5 | 4.9805E-03 | -3.2274E-02 | 3.8473E-03 | -3.2682E-02 |
| 13.6 | 1.7439E-03 | -3.1929E-02 | 6.0872E-04 | -3.2215E-02 |
| 13.7 | -1.3766E-03 | -3.1281E-02 | -2.5021E-03 | -3.1449E-02 |
| 13.8 | -4.3552E-03 | -3.0350E-02 | -5.4601E-03 | -3.0405E-02 |
| 13.9 | -7.1682E-03 | -2.9157E-02 | -8.2425E-03 | -2.9104E-02 |
| 14.0 | -9.7948E-03 | -2.7724E-02 | -1.0829E-02 | -2.7570E-02 |
| 14.1 | -1.2217E-02 | -2.6075E-02 | -1.3203E-02 | -2.5827E-02 |
| 14.2 | -1.4418E-02 | -2.4235E-02 | -1.5349E-02 | -2.3900E-02 |
| 14.3 | -1.6387E-02 | -2.2230E-02 | -1.7256E-02 | -2.1817E-02 |
| 14.4 | -1.8113E-02 | -2.0088E-02 | -1.8915E-02 | -1.9604E-02 |
| 14.5 | -1.9590E-02 | -1.7833E-02 | -2.0319E-02 | -1.7289E-02 |
| 14.6 | -2.0812E-02 | -1.5494E-02 | -2.1466E-02 | -1.4897E-02 |
| 14.7 | -2.1778E-02 | -1.3097E-02 | -2.2354E-02 | -1.2456E-02 |
| 14.8 | -2.2490E-02 | -1.0667E-02 | -2.2986E-02 | -9.9919E-03 |
| 14.9 | -2.2950E-02 | -8.2305E-03 | -2.3365E-02 | -7.5293E-03 |
| 15.0 | -2.3164E-02 | -5.8114E-03 | -2.3499E-02 | -5.0926E-03 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | -2.3164E-02 | -5.8114E-03 | -2.3499E-02 | -5.0926E-03 |
| 15.1 | -2.3140E-02 | -3.4328E-03 | -2.3395E-02 | -2.7047E-03 |
| 15.2 | -2.2887E-02 | -1.1165E-03 | -2.3065E-02 | -3.8691E-04 |
| 15.3 | -2.2419E-02 | 1.1171E-03 | -2.2521E-02 | 1.8408E-03 |
| 15.4 | -2.1747E-02 | 3.2494E-03 | -2.1777E-02 | 3.9601E-03 |
| 15.5 | -2.0888E-02 | 5.2635E-03 | -2.0848E-02 | 5.9547E-03 |
| 15.6 | -1.9856E-02 | 7.1442E-03 | -1.9752E-02 | 7.8101E-03 |
| 15.7 | -1.8669E-02 | 8.8785E-03 | -1.8504E-02 | 9.5135E-03 |
| 15.8 | -1.7346E-02 | 1.0455E-02 | -1.7125E-02 | 1.1054E-02 |
| 15.9 | -1.5904E-02 | 1.1865E-02 | -1.5632E-02 | 1.2424E-02 |
| 16.0 | -1.4362E-02 | 1.3101E-02 | -1.4046E-02 | 1.3617E-02 |
| 16.1 | -1.2740E-02 | 1.4157E-02 | -1.2384E-02 | 1.4627E-02 |
| 16.2 | -1.1057E-02 | 1.5031E-02 | -1.0667E-02 | 1.5452E-02 |
| 16.3 | -9.3326E-03 | 1.5721E-02 | -8.9143E-03 | 1.6092E-02 |
| 16.4 | -7.5845E-03 | 1.6228E-02 | -7.1435E-03 | 1.6547E-02 |
| 16.5 | -5.8312E-03 | 1.6555E-02 | -5.3733E-03 | 1.6822E-02 |
| 16.6 | -4.0904E-03 | 1.6704E-02 | -3.6209E-03 | 1.6919E-02 |
| 16.7 | -2.3785E-03 | 1.6682E-02 | -1.9029E-03 | 1.6846E-02 |
| 16.8 | -7.1142E-04 | 1.6496E-02 | -2.3472E-04 | 1.6609E-02 |
| 16.9 | 8.9629E-04 | 1.6155E-02 | 1.3692E-03 | 1.6218E-02 |
| 17.0 | 2.4311E-03 | 1.5667E-02 | 2.8956E-03 | 1.5683E-02 |
| 17.1 | 3.8808E-03 | 1.5043E-02 | 4.3327E-03 | 1.5015E-02 |
| 17.2 | 5.2345E-03 | 1.4296E-02 | 5.6699E-03 | 1.4225E-02 |
| 17.3 | 6.4827E-03 | 1.3437E-02 | 6.8980E-03 | 1.3326E-02 |
| 17.4 | 7.6172E-03 | 1.2479E-02 | 8.0092E-03 | 1.2332E-02 |
| 17.5 | 8.6314E-03 | 1.1436E-02 | 8.9974E-03 | 1.1255E-02 |
| 17.6 | 9.5201E-03 | 1.0321E-02 | 9.8577E-03 | 1.0110E-02 |
| 17.7 | 1.0279E-02 | 9.1476E-03 | 1.0587E-02 | 8.9114E-03 |
| 17.8 | 1.0907E-02 | 7.9306E-03 | 1.1182E-02 | 7.6720E-03 |
| 17.9 | 1.1402E-02 | 6.6832E-03 | 1.1644E-02 | 6.4061E-03 |
| 18.0 | 1.1765E-02 | 5.4191E-03 | 1.1973E-02 | 5.1270E-03 |
| 18.1 | 1.1997E-02 | 4.1512E-03 | 1.2171E-02 | 3.8480E-03 |
| 18.2 | 1.2101E-02 | 2.8923E-03 | 1.2241E-02 | 2.5815E-03 |
| 18.3 | 1.2082E-02 | 1.6545E-03 | 1.2187E-02 | 1.3396E-03 |
| 18.4 | 1.1944E-02 | 4.4906E-04 | 1.2016E-02 | 1.3341E-04 |
| 18.5 | 1.1693E-02 | -7.1339E-04 | 1.1733E-02 | -1.0266E-03 |
| 18.6 | 1.1336E-02 | -1.8231E-03 | 1.1345E-02 | -2.1307E-03 |
| 18.7 | 1.0882E-02 | -2.8711E-03 | 1.0861E-02 | -3.1704E-03 |
| 18.8 | 1.0338E-02 | -3.8496E-03 | 1.0288E-02 | -4.1380E-03 |
| 18.9 | 9.7125E-03 | -4.7517E-03 | 9.6371E-03 | -5.0268E-03 |
| 19.0 | 9.0160E-03 | -5.5714E-03 | 8.9164E-03 | -5.8311E-03 |
| 19.1 | 8.2576E-03 | -6.3039E-03 | 8.1360E-03 | -6.5463E-03 |
| 19.2 | 7.4474E-03 | -6.9454E-03 | 7.3061E-03 | -7.1690E-03 |
| 19.3 | 6.5952E-03 | -7.4932E-03 | 6.4367E-03 | -7.6966E-03 |
| 19.4 | 5.7112E-03 | -7.9455E-03 | 5.5379E-03 | -8.1277E-03 |
| 19.5 | 4.8053E-03 | -8.3016E-03 | 4.6196E-03 | -8.4618E-03 |
| 19.6 | 3.8874E-03 | -8.5618E-03 | 3.6917E-03 | -8.6994E-03 |
| 19.7 | 2.9668E-03 | -8.7271E-03 | 2.7637E-03 | -8.8420E-03 |
| 19.8 | 2.0528E-03 | -8.7999E-03 | 1.8447E-03 | -8.8918E-03 |
| 19.9 | 1.1542E-03 | -8.7828E-03 | 9.4335E-04 | -8.8520E-03 |
| 20.0 | 2.7924E-04 | -8.6796E-03 | 6.7872E-05 | -8.7266E-03 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | INFINITY | -1.4835E+00 | INFINITY | - INFINITY |
| 0.1 | 2.4107E+00 | -1.4784E+00 | 7.8509E-01 | -1.0101E+01 |
| 0.2 | 1.7012E+00 | -1.4642E+00 | 2.6969E-01 | -5.1885E+00 |
| 0.3 | 1.2746E+00 | -1.4419E+00 | 4.8568E-02 | -3.5697E+00 |
| 0.4 | 9.6322E-01 | -1.4119E+00 | -9.6367E-02 | -2.7627E+00 |
| 0.5 | 7.1544E-01 | -1.3747E+00 | -2.0852E-01 | -2.2737E+00 |
| 0.6 | 5.0875E-01 | -1.3309E+00 | -3.0213E-01 | -1.9393E+00 |
| 0.7 | 3.3150E-01 | -1.2809E+00 | -3.8312E-01 | -1.6901E+00 |
| 0.8 | 1.7698E-01 | -1.2252E+00 | -4.5429E-01 | -1.4921E+00 |
| 0.9 | 4.1047E-02 | -1.1645E+00 | -5.1709E-01 | -1.3264E+00 |
| 1.0 | -7.9018E-02 | -1.0993E+00 | -5.7231E-01 | -1.1824E+00 |
| 1.1 | -1.8507E-01 | -1.0301E+00 | -6.2038E-01 | -1.0533E+00 |
| 1.2 | -2.7844E-01 | -9.5752E-01 | -6.6159E-01 | -9.3495E-01 |
| 1.3 | -3.6010E-01 | -8.8218E-01 | -6.9609E-01 | -8.2460E-01 |
| 1.4 | -4.3083E-01 | -8.0466E-01 | -7.2402E-01 | -7.2050E-01 |
| 1.5 | -4.9122E-01 | -7.2557E-01 | -7.4551E-01 | -6.2152E-01 |
| 1.6 | -5.4182E-01 | -6.4549E-01 | -7.6066E-01 | -5.2693E-01 |
| 1.7 | -5.8310E-01 | -5.6502E-01 | -7.6964E-01 | -4.3634E-01 |
| 1.8 | -6.1549E-01 | -4.8473E-01 | -7.7259E-01 | -3.4953E-01 |
| 1.9 | -6.3941E-01 | -4.0518E-01 | -7.6971E-01 | -2.6642E-01 |
| 2.0 | -6.5529E-01 | -3.2691E-01 | -7.6123E-01 | -1.8705E-01 |
| 2.1 | -6.6355E-01 | -2.5042E-01 | -7.4739E-01 | -1.1150E-01 |
| 2.2 | -6.6463E-01 | -1.7621E-01 | -7.2847E-01 | -3.9909E-02 |
| 2.3 | -6.5896E-01 | -1.0473E-01 | -7.0479E-01 | 2.7564E-02 |
| 2.4 | -6.4701E-01 | -3.6405E-02 | -6.7668E-01 | 9.0753E-02 |
| 2.5 | -6.2924E-01 | 2.8385E-02 | -6.4450E-01 | 1.4949E-01 |
| 2.6 | -6.0615E-01 | 8.9290E-02 | -6.0863E-01 | 2.0362E-01 |
| 2.7 | -5.7823E-01 | 1.4600E-01 | -5.6946E-01 | 2.5300E-01 |
| 2.8 | -5.4599E-01 | 1.9826E-01 | -5.2742E-01 | 2.9750E-01 |
| 2.9 | -5.0993E-01 | 2.4583E-01 | -4.8292E-01 | 3.3704E-01 |
| 3.0 | -4.7059E-01 | 2.8855E-01 | -4.3639E-01 | 3.7156E-01 |
| 3.1 | -4.2847E-01 | 3.2626E-01 | -3.8828E-01 | 4.0100E-01 |
| 3.2 | -3.8410E-01 | 3.5889E-01 | -3.3901E-01 | 4.2537E-01 |
| 3.3 | -3.3798E-01 | 3.8638E-01 | -2.8903E-01 | 4.4470E-01 |
| 3.4 | -2.9063E-01 | 4.0873E-01 | -2.3876E-01 | 4.5905E-01 |
| 3.5 | -2.4252E-01 | 4.2597E-01 | -1.8862E-01 | 4.6851E-01 |
| 3.6 | -1.9415E-01 | 4.3818E-01 | -1.3902E-01 | 4.7322E-01 |
| 3.7 | -1.4597E-01 | 4.4546E-01 | -9.0341E-02 | 4.7332E-01 |
| 3.8 | -9.8412E-02 | 4.4798E-01 | -4.2958E-02 | 4.6902E-01 |
| 3.9 | -5.1905E-02 | 4.4592E-01 | 2.7785E-03 | 4.6051E-01 |
| 4.0 | -6.8337E-03 | 4.3948E-01 | 4.6543E-02 | 4.4805E-01 |
| 4.1 | 3.6438E-02 | 4.2892E-01 | 8.8036E-02 | 4.3190E-01 |
| 4.2 | 7.7578E-02 | 4.1450E-01 | 1.2698E-01 | 4.1235E-01 |
| 4.3 | 1.1629E-01 | 3.9653E-01 | 1.6315E-01 | 3.8969E-01 |
| 4.4 | 1.5229E-01 | 3.7531E-01 | 1.9631E-01 | 3.6425E-01 |
| 4.5 | 1.8536E-01 | 3.5118E-01 | 2.2629E-01 | 3.3636E-01 |
| 4.6 | 2.1530E-01 | 3.2448E-01 | 2.5295E-01 | 3.0636E-01 |
| 4.7 | 2.4195E-01 | 2.9557E-01 | 2.7616E-01 | 2.7461E-01 |
| 4.8 | 2.6517E-01 | 2.6479E-01 | 2.9584E-01 | 2.4144E-01 |
| 4.9 | 2.8487E-01 | 2.3254E-01 | 3.1195E-01 | 2.0722E-01 |
| 5.0 | 3.0100E-01 | 1.9915E-01 | 3.2447E-01 | 1.7229E-01 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | 3.0100E-01 | 1.9915E-01 | 3.2447E-01 | 1.7229E-01 |
| 5.1 | 3.1354E-01 | 1.6500E-01 | 3.3342E-01 | 1.3700E-01 |
| 5.2 | 3.2249E-01 | 1.3045E-01 | 3.3883E-01 | 1.0168E-01 |
| 5.3 | 3.2791E-01 | 9.5837E-02 | 3.4078E-01 | 6.6664E-02 |
| 5.4 | 3.2986E-01 | 6.1500E-02 | 3.3939E-01 | 3.2263E-02 |
| 5.5 | 3.2846E-01 | 2.7760E-02 | 3.3477E-01 | -1.2281E-03 |
| 5.6 | 3.2383E-01 | -5.0780E-03 | 3.2707E-01 | -3.3529E-02 |
| 5.7 | 3.1614E-01 | -3.6729E-02 | 3.1649E-01 | -6.4379E-02 |
| 5.8 | 3.0555E-01 | -6.6928E-02 | 3.0321E-01 | -9.3541E-02 |
| 5.9 | 2.9229E-01 | -9.5433E-02 | 2.8745E-01 | -1.2080E-01 |
| 6.0 | 2.7655E-01 | -1.2202E-01 | 2.6944E-01 | -1.4596E-01 |
| 6.1 | 2.5859E-01 | -1.4651E-01 | 2.4942E-01 | -1.6885E-01 |
| 6.2 | 2.3865E-01 | -1.6872E-01 | 2.2765E-01 | -1.8935E-01 |
| 6.3 | 2.1698E-01 | -1.8852E-01 | 2.0439E-01 | -2.0732E-01 |
| 6.4 | 1.9387E-01 | -2.0580E-01 | 1.7990E-01 | -2.2268E-01 |
| 6.5 | 1.6957E-01 | -2.2046E-01 | 1.5447E-01 | -2.3538E-01 |
| 6.6 | 1.4437E-01 | -2.3246E-01 | 1.2836E-01 | -2.4538E-01 |
| 6.7 | 1.1854E-01 | -2.4175E-01 | 1.0184E-01 | -2.5266E-01 |
| 6.8 | 9.2345E-02 | -2.4835E-01 | 7.5175E-02 | -2.5725E-01 |
| 6.9 | 6.6061E-02 | -2.5226E-01 | 4.8624E-02 | -2.5918E-01 |
| 7.0 | 3.9944E-02 | -2.5354E-01 | 2.2436E-02 | -2.5853E-01 |
| 7.1 | 1.4243E-02 | -2.5225E-01 | -3.1502E-03 | -2.5537E-01 |
| 7.2 | -1.0803E-02 | -2.4849E-01 | -2.7909E-02 | -2.4981E-01 |
| 7.3 | -3.4971E-02 | -2.4238E-01 | -5.1628E-02 | -2.4199E-01 |
| 7.4 | -5.8050E-02 | -2.3404E-01 | -7.4113E-02 | -2.3204E-01 |
| 7.5 | -7.9849E-02 | -2.2362E-01 | -9.5186E-02 | -2.2013E-01 |
| 7.6 | -1.0019E-01 | -2.1129E-01 | -1.1469E-01 | -2.0642E-01 |
| 7.7 | -1.1893E-01 | -1.9723E-01 | -1.3248E-01 | -1.9111E-01 |
| 7.8 | -1.3592E-01 | -1.8163E-01 | -1.4843E-01 | -1.7439E-01 |
| 7.9 | -1.5105E-01 | -1.6469E-01 | -1.6246E-01 | -1.5646E-01 |
| 8.0 | -1.6423E-01 | -1.4660E-01 | -1.7448E-01 | -1.3754E-01 |
| 8.1 | -1.7539E-01 | -1.2760E-01 | -1.8443E-01 | -1.1782E-01 |
| 8.2 | -1.8448E-01 | -1.0788E-01 | -1.9228E-01 | -9.7528E-02 |
| 8.3 | -1.9147E-01 | -8.7659E-02 | -1.9801E-01 | -7.6874E-02 |
| 8.4 | -1.9635E-01 | -6.7155E-02 | -2.0164E-01 | -5.6069E-02 |
| 8.5 | -1.9913E-01 | -4.6576E-02 | -2.0318E-01 | -3.5317E-02 |
| 8.6 | -1.9986E-01 | -2.6125E-02 | -2.0269E-01 | -1.4816E-02 |
| 8.7 | -1.9857E-01 | -5.9992E-03 | -2.0021E-01 | 5.2403E-03 |
| 8.8 | -1.9535E-01 | 1.3613E-02 | -1.9585E-01 | 2.4672E-02 |
| 8.9 | -1.9027E-01 | 3.2534E-02 | -1.8968E-01 | 4.3309E-02 |
| 9.0 | -1.8345E-01 | 5.0597E-02 | -1.8183E-01 | 6.0991E-02 |
| 9.1 | -1.7499E-01 | 6.7649E-02 | -1.7240E-01 | 7.7576E-02 |
| 9.2 | -1.6503E-01 | 8.3550E-02 | -1.6155E-01 | 9.2932E-02 |
| 9.3 | -1.5371E-01 | 9.8178E-02 | -1.4942E-01 | 1.0694E-01 |
| 9.4 | -1.4117E-01 | 1.11142E-01 | -1.3615E-01 | 1.1952E-01 |
| 9.5 | -1.2758E-01 | 1.2319E-01 | -1.2192E-01 | 1.3056E-01 |
| 9.6 | -1.1309E-01 | 1.3342E-01 | -1.0687E-01 | 1.4002E-01 |
| 9.7 | -9.7874E-02 | 1.4203E-01 | -9.1194E-02 | 1.4784E-01 |
| 9.8 | -8.2102E-02 | 1.4900E-01 | -7.5046E-02 | 1.5399E-01 |
| 9.9 | -6.5942E-02 | 1.5429E-01 | -5.8601E-02 | 1.5845E-01 |
| 10.0 | -4.9566E-02 | 1.5791E-01 | -4.2027E-02 | 1.6124E-01 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | -4.9566E-02 | 1.5791E-01 | -4.2027E-02 | 1.6124E-01 |
| 10.1 | -3.3140E-02 | 1.5986E-01 | -2.5489E-02 | 1.6236E-01 |
| 10.2 | -1.6827E-02 | 1.6017E-01 | -9.1467E-03 | 1.6185E-01 |
| 10.3 | -7.8456E-04 | 1.5888E-01 | 6.8458E-03 | 1.5977E-01 |
| 10.4 | 1.4836E-02 | 1.5604E-01 | 2.2341E-02 | 1.5616E-01 |
| 10.5 | 2.9893E-02 | 1.5173E-01 | 3.7203E-02 | 1.5111E-01 |
| 10.6 | 4.4253E-02 | 1.4603E-01 | 5.1302E-02 | 1.4471E-01 |
| 10.7 | 5.7792E-02 | 1.3902E-01 | 6.4520E-02 | 1.3706E-01 |
| 10.8 | 7.0400E-02 | 1.3082E-01 | 7.6753E-02 | 1.2825E-01 |
| 10.9 | 8.1976E-02 | 1.2153E-01 | 8.7907E-02 | 1.1841E-01 |
| 11.0 | 9.2434E-02 | 1.1128E-01 | 9.7900E-02 | 1.0767E-01 |
| 11.1 | 1.0170E-01 | 1.0019E-01 | 1.0667E-01 | 9.6144E-02 |
| 11.2 | 1.0971E-01 | 8.8397E-02 | 1.1415E-01 | 8.3973E-02 |
| 11.3 | 1.1643E-01 | 7.6030E-02 | 1.2032E-01 | 7.1291E-02 |
| 11.4 | 1.2181E-01 | 6.3228E-02 | 1.2513E-01 | 5.8235E-02 |
| 11.5 | 1.2584E-01 | 5.0129E-02 | 1.2859E-01 | 4.4943E-02 |
| 11.6 | 1.2852E-01 | 3.6869E-02 | 1.3070E-01 | 3.1551E-02 |
| 11.7 | 1.2986E-01 | 2.3584E-02 | 1.3145E-01 | 1.8194E-02 |
| 11.8 | 1.2987E-01 | 1.0405E-02 | 1.3089E-01 | 4.9993E-03 |
| 11.9 | 1.2859E-01 | -2.5409E-03 | 1.2906E-01 | -7.9063E-03 |
| 12.0 | 1.2606E-01 | -1.5131E-02 | 1.2600E-01 | -2.0404E-02 |
| 12.1 | 1.2234E-01 | -2.7252E-02 | 1.2177E-01 | -3.2382E-02 |
| 12.2 | 1.1751E-01 | -3.8794E-02 | 1.1645E-01 | -4.3736E-02 |
| 12.3 | 1.1163E-01 | -4.9658E-02 | 1.1011E-01 | -5.4371E-02 |
| 12.4 | 1.0479E-01 | -5.9756E-02 | 1.0285E-01 | -6.4200E-02 |
| 12.5 | 9.7075E-02 | -6.9005E-02 | 9.4752E-02 | -7.3148E-02 |
| 12.6 | 8.8594E-02 | -7.7337E-02 | 8.5925E-02 | -8.1148E-02 |
| 12.7 | 7.9445E-02 | -8.4692E-02 | 7.6471E-02 | -8.8147E-02 |
| 12.8 | 6.9735E-02 | -9.1023E-02 | 6.6498E-02 | -9.4100E-02 |
| 12.9 | 5.9574E-02 | -9.6291E-02 | 5.6118E-02 | -9.8975E-02 |
| 13.0 | 4.9075E-02 | -1.0047E-01 | 4.5442E-02 | -1.0275E-01 |
| 13.1 | 3.8348E-02 | -1.0355E-01 | 3.4583E-02 | -1.0542E-01 |
| 13.2 | 2.7505E-02 | -1.0553E-01 | 2.3651E-02 | -1.0698E-01 |
| 13.3 | 1.6657E-02 | -1.0640E-01 | 1.2756E-02 | -1.0744E-01 |
| 13.4 | 5.9109E-03 | -1.0620E-01 | 2.0043E-03 | -1.0684E-01 |
| 13.5 | -4.6299E-03 | -1.0495E-01 | -8.5028E-03 | -1.0519E-01 |
| 13.6 | -1.4866E-02 | -1.0269E-01 | -1.8668E-02 | -1.0254E-01 |
| 13.7 | -2.4705E-02 | -9.9461E-02 | -2.8399E-02 | -9.8947E-02 |
| 13.8 | -3.4057E-02 | -9.5325E-02 | -3.7612E-02 | -9.4462E-02 |
| 13.9 | -4.2844E-02 | -9.0343E-02 | -4.6228E-02 | -8.9154E-02 |
| 14.0 | -5.0991E-02 | -8.4585E-02 | -5.4178E-02 | -8.3094E-02 |
| 14.1 | -5.8435E-02 | -7.8126E-02 | -6.1399E-02 | -7.6360E-02 |
| 14.2 | -6.5118E-02 | -7.1049E-02 | -6.7838E-02 | -6.9034E-02 |
| 14.3 | -7.0992E-02 | -6.3436E-02 | -7.3451E-02 | -6.1204E-02 |
| 14.4 | -7.6020E-02 | -5.5377E-02 | -7.8202E-02 | -5.2958E-02 |
| 14.5 | -8.0172E-02 | -4.6963E-02 | -8.2066E-02 | -4.4388E-02 |
| 14.6 | -8.3428E-02 | -3.8284E-02 | -8.5025E-02 | -3.5585E-02 |
| 14.7 | -8.5778E-02 | -2.9433E-02 | -8.7073E-02 | -2.6642E-02 |
| 14.8 | -8.7220E-02 | -2.0501E-02 | -8.8211E-02 | -1.7649E-02 |
| 14.9 | -8.7761E-02 | -1.1580E-02 | -8.8450E-02 | -8.6976E-03 |
| 15.0 | -8.7418E-02 | -2.7557E-03 | -8.7809E-02 | 1.2620E-04 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | -8.7418E-02 | -2.7557E-03 | -8.7809E-02 | 1.2620E-04 |
| 15.1 | -8.6214E-02 | 5.8855E-03 | -8.6315E-02 | 8.7385E-03 |
| 15.2 | -8.4184E-02 | 1.4263E-02 | -8.4004E-02 | 1.7059E-02 |
| 15.3 | -8.1366E-02 | 2.2300E-02 | -8.0916E-02 | 2.5014E-02 |
| 15.4 | -7.7806E-02 | 2.9926E-02 | -7.7102E-02 | 3.2533E-02 |
| 15.5 | -7.3559E-02 | 3.7074E-02 | -7.2615E-02 | 3.9552E-02 |
| 15.6 | -6.8681E-02 | 4.3685E-02 | -6.7517E-02 | 4.6014E-02 |
| 15.7 | -6.3236E-02 | 4.9707E-02 | -6.1871E-02 | 5.1868E-02 |
| 15.8 | -5.7291E-02 | 5.5094E-02 | -5.5746E-02 | 5.7072E-02 |
| 15.9 | -5.0917E-02 | 5.9808E-02 | -4.9214E-02 | 6.1589E-02 |
| 16.0 | -4.4187E-02 | 6.3817E-02 | -4.2348E-02 | 6.5392E-02 |
| 16.1 | -3.7175E-02 | 6.7099E-02 | -3.5225E-02 | 6.8458E-02 |
| 16.2 | -2.9959E-02 | 6.9638E-02 | -2.7920E-02 | 7.0775E-02 |
| 16.3 | -2.2613E-02 | 7.1427E-02 | -2.0509E-02 | 7.2339E-02 |
| 16.4 | -1.5214E-02 | 7.2465E-02 | -1.3068E-02 | 7.3150E-02 |
| 16.5 | -7.8353E-03 | 7.2759E-02 | -5.6708E-03 | 7.3219E-02 |
| 16.6 | -5.5048E-04 | 7.2324E-02 | 1.6105E-03 | 7.2562E-02 |
| 16.7 | 6.5710E-03 | 7.1181E-02 | 8.7068E-03 | 7.1203E-02 |
| 16.8 | 1.3462E-02 | 6.9358E-02 | 1.5552E-02 | 6.9170E-02 |
| 16.9 | 2.0061E-02 | 6.6889E-02 | 2.2086E-02 | 6.6501E-02 |
| 17.0 | 2.6308E-02 | 6.3813E-02 | 2.8250E-02 | 6.3235E-02 |
| 17.1 | 3.2150E-02 | 6.0174E-02 | 3.3993E-02 | 5.9419E-02 |
| 17.2 | 3.7539E-02 | 5.6022E-02 | 3.9266E-02 | 5.5103E-02 |
| 17.3 | 4.2431E-02 | 5.1408E-02 | 4.4030E-02 | 5.0341E-02 |
| 17.4 | 4.6790E-02 | 4.6391E-02 | 4.8250E-02 | 4.5190E-02 |
| 17.5 | 5.0585E-02 | 4.1027E-02 | 5.1894E-02 | 3.9711E-02 |
| 17.6 | 5.3790E-02 | 3.5380E-02 | 5.4942E-02 | 3.3964E-02 |
| 17.7 | 5.6389E-02 | 2.9510E-02 | 5.7377E-02 | 2.8012E-02 |
| 17.8 | 5.8368E-02 | 2.3481E-02 | 5.9188E-02 | 2.1919E-02 |
| 17.9 | 5.9723E-02 | 1.7356E-02 | 6.0373E-02 | 1.5748E-02 |
| 18.0 | 6.0455E-02 | 1.1198E-02 | 6.0933E-02 | 9.5621E-03 |
| 18.1 | 6.0570E-02 | 5.0695E-03 | 6.0877E-02 | 3.4220E-03 |
| 18.2 | 6.0081E-02 | -9.7064E-04 | 6.0220E-02 | -2.6125E-03 |
| 18.3 | 5.9007E-02 | -6.8642E-03 | 5.8982E-02 | -8.4842E-03 |
| 18.4 | 5.7371E-02 | -1.2556E-02 | 5.7189E-02 | -1.4139E-02 |
| 18.5 | 5.5203E-02 | -1.7995E-02 | 5.4870E-02 | -1.9526E-02 |
| 18.6 | 5.2536E-02 | -2.3133E-02 | 5.2060E-02 | -2.4598E-02 |
| 18.7 | 4.9408E-02 | -2.7925E-02 | 4.8799E-02 | -2.9312E-02 |
| 18.8 | 4.5860E-02 | -3.2332E-02 | 4.5128E-02 | -3.3629E-02 |
| 18.9 | 4.1936E-02 | -3.6319E-02 | 4.1093E-02 | -3.7517E-02 |
| 19.0 | 3.7685E-02 | -3.9856E-02 | 3.6742E-02 | -4.0946E-02 |
| 19.1 | 3.3155E-02 | -4.2918E-02 | 3.2125E-02 | -4.3893E-02 |
| 19.2 | 2.8397E-02 | -4.5486E-02 | 2.7294E-02 | -4.6339E-02 |
| 19.3 | 2.3464E-02 | -4.7545E-02 | 2.2301E-02 | -4.8272E-02 |
| 19.4 | 1.8408E-02 | -4.9086E-02 | 1.7199E-02 | -4.9683E-02 |
| 19.5 | 1.3283E-02 | -5.0105E-02 | 1.2041E-02 | -5.0571E-02 |
| 19.6 | 8.1400E-03 | -5.0605E-02 | 6.8782E-03 | -5.0939E-02 |
| 19.7 | 3.0308E-03 | -5.0591E-02 | 1.7629E-03 | -5.0795E-02 |
| 19.8 | -1.9948E-03 | -5.0075E-02 | -3.2560E-03 | -5.0151E-02 |
| 19.9 | -6.8888E-03 | -4.9074E-02 | -8.1309E-03 | -4.9025E-02 |
| 20.0 | -1.1606E-02 | -4.7608E-02 | -1.2817E-02 | -4.7438E-02 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|-----|-------------|-------------|-------------|-------------|
| 0.0 | INFINITY | -1.5708E+00 | 0.0000E+00 | - INFINITY |
| 0.1 | 2.4100E+00 | -1.5669E+00 | -7.8442E-02 | -1.0146E+01 |
| 0.2 | 1.6982E+00 | -1.5551E+00 | -1.5630E-01 | -5.2211E+00 |
| 0.3 | 1.2681E+00 | -1.5357E+00 | -2.3298E-01 | -3.6020E+00 |
| 0.4 | 9.5194E-01 | -1.5086E+00 | -3.0792E-01 | -2.7974E+00 |
| 0.5 | 6.9825E-01 | -1.4741E+00 | -3.8055E-01 | -2.3114E+00 |
| 0.6 | 4.8461E-01 | -1.4326E+00 | -4.5035E-01 | -1.9798E+00 |
| 0.7 | 2.9950E-01 | -1.3842E+00 | -5.1679E-01 | -1.7330E+00 |
| 0.8 | 1.3635E-01 | -1.3293E+00 | -5.7938E-01 | -1.5365E+00 |
| 0.9 | -8.8409E-03 | -1.2685E+00 | -6.3766E-01 | -1.3715E+00 |
| 1.0 | -1.3863E-01 | -1.2020E+00 | -6.9123E-01 | -1.2271E+00 |
| 1.1 | -2.5473E-01 | -1.1304E+00 | -7.3969E-01 | -1.0966E+00 |
| 1.2 | -3.5827E-01 | -1.0542E+00 | -7.8271E-01 | -9.7568E-01 |
| 1.3 | -4.5009E-01 | -9.7403E-01 | -8.1999E-01 | -8.6161E-01 |
| 1.4 | -5.3076E-01 | -8.9041E-01 | -8.5129E-01 | -7.5264E-01 |
| 1.5 | -6.0075E-01 | -8.0398E-01 | -8.7640E-01 | -6.4765E-01 |
| 1.6 | -6.6041E-01 | -7.1534E-01 | -8.9519E-01 | -5.4597E-01 |
| 1.7 | -7.1004E-01 | -6.2515E-01 | -9.0755E-01 | -4.4725E-01 |
| 1.8 | -7.4995E-01 | -5.3405E-01 | -9.1344E-01 | -3.5133E-01 |
| 1.9 | -7.8040E-01 | -4.4268E-01 | -9.1288E-01 | -2.5825E-01 |
| 2.0 | -8.0170E-01 | -3.5169E-01 | -9.0592E-01 | -1.6813E-01 |
| 2.1 | -8.1413E-01 | -2.6171E-01 | -8.9267E-01 | -8.1177E-02 |
| 2.2 | -8.1805E-01 | -1.7336E-01 | -8.7330E-01 | 2.3371E-03 |
| 2.3 | -8.1379E-01 | -8.7242E-02 | -8.4803E-01 | 8.2117E-02 |
| 2.4 | -8.0176E-01 | -3.9390E-03 | -8.1711E-01 | 1.5785E-01 |
| 2.5 | -7.8237E-01 | 7.6001E-02 | -7.8083E-01 | 2.2921E-01 |
| 2.6 | -7.5607E-01 | 1.5206E-01 | -7.3956E-01 | 2.9588E-01 |
| 2.7 | -7.2336E-01 | 2.2376E-01 | -6.9367E-01 | 3.5756E-01 |
| 2.8 | -6.8474E-01 | 2.9065E-01 | -6.4357E-01 | 4.1398E-01 |
| 2.9 | -6.4075E-01 | 3.5235E-01 | -5.8972E-01 | 4.6486E-01 |
| 3.0 | -5.9195E-01 | 4.0849E-01 | -5.3259E-01 | 5.1000E-01 |
| 3.1 | -5.3894E-01 | 4.5877E-01 | -4.7269E-01 | 5.4920E-01 |
| 3.2 | -4.8232E-01 | 5.0295E-01 | -4.1052E-01 | 5.8231E-01 |
| 3.3 | -4.2269E-01 | 5.4082E-01 | -3.4662E-01 | 6.0924E-01 |
| 3.4 | -3.6068E-01 | 5.7223E-01 | -2.8153E-01 | 6.2991E-01 |
| 3.5 | -2.9691E-01 | 5.9710E-01 | -2.1579E-01 | 6.4432E-01 |
| 3.6 | -2.3202E-01 | 6.1539E-01 | -1.4996E-01 | 6.5250E-01 |
| 3.7 | -1.6662E-01 | 6.2711E-01 | -8.4562E-02 | 6.5451E-01 |
| 3.8 | -1.0132E-01 | 6.3233E-01 | -2.0139E-02 | 6.5049E-01 |
| 3.9 | -3.6719E-02 | 6.3119E-01 | 4.2795E-02 | 6.4060E-01 |
| 4.0 | 2.6610E-02 | 6.2384E-01 | 1.0374E-01 | 6.2506E-01 |
| 4.1 | 8.8113E-02 | 6.1052E-01 | 1.6222E-01 | 6.0412E-01 |
| 4.2 | 1.4726E-01 | 5.9149E-01 | 2.1779E-01 | 5.7807E-01 |
| 4.3 | 2.0357E-01 | 5.6707E-01 | 2.7001E-01 | 5.4726E-01 |
| 4.4 | 2.5657E-01 | 5.3762E-01 | 3.1852E-01 | 5.1203E-01 |
| 4.5 | 3.0584E-01 | 5.0351E-01 | 3.6295E-01 | 4.7281E-01 |
| 4.6 | 3.5101E-01 | 4.6517E-01 | 4.0299E-01 | 4.3000E-01 |
| 4.7 | 3.9174E-01 | 4.2306E-01 | 4.3838E-01 | 3.8406E-01 |
| 4.8 | 4.2773E-01 | 3.7766E-01 | 4.6888E-01 | 3.3547E-01 |
| 4.9 | 4.5876E-01 | 3.2946E-01 | 4.9432E-01 | 2.8470E-01 |
| 5.0 | 4.8462E-01 | 2.7897E-01 | 5.1456E-01 | 2.3226E-01 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 5.0 | 4.8462E-01 | 2.7897E-01 | 5.1456E-01 | 2.3226E-01 |
| 5.1 | 5.0517E-01 | 2.2672E-01 | 5.2951E-01 | 1.7866E-01 |
| 5.2 | 5.2033E-01 | 1.7324E-01 | 5.3913E-01 | 1.2439E-01 |
| 5.3 | 5.3005E-01 | 1.1907E-01 | 5.4343E-01 | 6.9975E-02 |
| 5.4 | 5.3433E-01 | 6.4733E-02 | 5.4247E-01 | 1.5908E-02 |
| 5.5 | 5.3325E-01 | 1.0750E-02 | 5.3633E-01 | -3.7319E-02 |
| 5.6 | 5.2691E-01 | -4.2366E-02 | 5.2517E-01 | -8.9230E-02 |
| 5.7 | 5.1547E-01 | -9.4122E-02 | 5.0917E-01 | -1.3937E-01 |
| 5.8 | 4.9911E-01 | -1.4405E-01 | 4.8856E-01 | -1.8729E-01 |
| 5.9 | 4.7810E-01 | -1.9169E-01 | 4.6361E-01 | -2.3260E-01 |
| 6.0 | 4.5270E-01 | -2.3663E-01 | 4.3461E-01 | -2.7491E-01 |
| 6.1 | 4.2323E-01 | -2.7849E-01 | 4.0191E-01 | -3.1386E-01 |
| 6.2 | 3.9004E-01 | -3.1690E-01 | 3.6586E-01 | -3.4916E-01 |
| 6.3 | 3.5353E-01 | -3.5156E-01 | 3.2686E-01 | -3.8052E-01 |
| 6.4 | 3.1408E-01 | -3.8219E-01 | 2.8532E-01 | -4.0772E-01 |
| 6.5 | 2.7213E-01 | -4.0856E-01 | 2.4165E-01 | -4.3054E-01 |
| 6.6 | 2.2812E-01 | -4.3047E-01 | 1.9632E-01 | -4.4865E-01 |
| 6.7 | 1.8251E-01 | -4.4778E-01 | 1.4976E-01 | -4.6254E-01 |
| 6.8 | 1.3577E-01 | -4.6039E-01 | 1.0245E-01 | -4.7153E-01 |
| 6.9 | 8.8363E-02 | -4.6826E-01 | 5.4824E-02 | -4.7582E-01 |
| 7.0 | 4.0762E-02 | -4.7136E-01 | 7.3558E-03 | -4.7543E-01 |
| 7.1 | -6.5687E-03 | -4.6975E-01 | -3.9511E-02 | -4.7042E-01 |
| 7.2 | -5.3172E-02 | -4.6350E-01 | -8.5337E-02 | -4.6091E-01 |
| 7.3 | -9.8605E-02 | -4.5273E-01 | -1.2970E-01 | -4.4704E-01 |
| 7.4 | -1.4244E-01 | -4.3762E-01 | -1.7220E-01 | -4.2901E-01 |
| 7.5 | -1.8428E-01 | -4.1837E-01 | -2.1245E-01 | -4.0704E-01 |
| 7.6 | -2.2373E-01 | -3.9522E-01 | -2.5009E-01 | -3.8139E-01 |
| 7.7 | -2.6044E-01 | -3.6844E-01 | -2.8481E-01 | -3.5236E-01 |
| 7.8 | -2.9410E-01 | -3.3836E-01 | -3.1629E-01 | -3.2026E-01 |
| 7.9 | -3.2440E-01 | -3.0530E-01 | -3.4429E-01 | -2.8545E-01 |
| 8.0 | -3.5111E-01 | -2.6963E-01 | -3.6857E-01 | -2.4828E-01 |
| 8.1 | -3.7399E-01 | -2.3172E-01 | -3.8894E-01 | -2.0915E-01 |
| 8.2 | -3.9288E-01 | -1.9198E-01 | -4.0526E-01 | -1.6845E-01 |
| 8.3 | -4.0765E-01 | -1.5081E-01 | -4.1742E-01 | -1.2660E-01 |
| 8.4 | -4.1818E-01 | -1.0863E-01 | -4.2535E-01 | -8.4013E-02 |
| 8.5 | -4.2444E-01 | -6.5878E-02 | -4.2902E-01 | -4.1106E-02 |
| 8.6 | -4.2640E-01 | -2.2970E-02 | -4.2844E-01 | 1.7029E-03 |
| 8.7 | -4.2411E-01 | 1.9671E-02 | -4.2367E-01 | 4.3999E-02 |
| 8.8 | -4.1764E-01 | 6.1628E-02 | -4.1481E-01 | 8.5382E-02 |
| 8.9 | -4.0708E-01 | 1.0250E-01 | -4.0197E-01 | 1.2546E-01 |
| 9.0 | -3.9260E-01 | 1.4190E-01 | -3.8533E-01 | 1.6386E-01 |
| 9.1 | -3.7438E-01 | 1.7945E-01 | -3.6510E-01 | 2.0022E-01 |
| 9.2 | -3.5263E-01 | 2.1480E-01 | -3.4150E-01 | 2.3423E-01 |
| 9.3 | -3.2762E-01 | 2.4764E-01 | -3.1481E-01 | 2.6556E-01 |
| 9.4 | -2.9962E-01 | 2.7767E-01 | -2.8531E-01 | 2.9395E-01 |
| 9.5 | -2.6894E-01 | 3.0462E-01 | -2.5331E-01 | 3.1915E-01 |
| 9.6 | -2.3590E-01 | 3.2826E-01 | -2.1916E-01 | 3.4096E-01 |
| 9.7 | -2.0087E-01 | 3.4840E-01 | -1.8322E-01 | 3.5918E-01 |
| 9.8 | -1.6419E-01 | 3.6486E-01 | -1.4583E-01 | 3.7368E-01 |
| 9.9 | -1.2626E-01 | 3.7753E-01 | -1.0739E-01 | 3.8436E-01 |
| 10.0 | -8.7448E-02 | 3.8631E-01 | -6.8287E-02 | 3.9115E-01 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 10.0 | -8.7448E-02 | 3.8631E-01 | -6.8287E-02 | 3.9115E-01 |
| 10.1 | -4.8156E-02 | 3.9117E-01 | -2.8895E-02 | 3.9403E-01 |
| 10.2 | -8.7733E-03 | 3.9210E-01 | 1.0392E-02 | 3.9299E-01 |
| 10.3 | 3.0313E-02 | 3.8911E-01 | 4.9194E-02 | 3.8810E-01 |
| 10.4 | 6.8720E-02 | 3.8229E-01 | 8.7136E-02 | 3.7943E-01 |
| 10.5 | 1.0608E-01 | 3.7173E-01 | 1.2386E-01 | 3.6710E-01 |
| 10.6 | 1.4202E-01 | 3.5757E-01 | 1.5901E-01 | 3.5128E-01 |
| 10.7 | 1.7622E-01 | 3.3999E-01 | 1.9226E-01 | 3.3214E-01 |
| 10.8 | 2.0835E-01 | 3.1919E-01 | 2.2331E-01 | 3.0990E-01 |
| 10.9 | 2.3811E-01 | 2.9541E-01 | 2.5188E-01 | 2.8481E-01 |
| 11.0 | 2.6522E-01 | 2.6891E-01 | 2.7769E-01 | 2.5715E-01 |
| 11.1 | 2.8946E-01 | 2.3997E-01 | 3.0054E-01 | 2.2720E-01 |
| 11.2 | 3.1060E-01 | 2.0890E-01 | 3.2021E-01 | 1.9527E-01 |
| 11.3 | 3.2846E-01 | 1.7604E-01 | 3.3655E-01 | 1.6170E-01 |
| 11.4 | 3.4289E-01 | 1.4171E-01 | 3.4942E-01 | 1.2683E-01 |
| 11.5 | 3.5379E-01 | 1.0627E-01 | 3.5874E-01 | 9.1016E-02 |
| 11.6 | 3.6108E-01 | 7.0082E-02 | 3.6443E-01 | 5.4611E-02 |
| 11.7 | 3.6471E-01 | 3.3507E-02 | 3.6647E-01 | 1.7979E-02 |
| 11.8 | 3.6468E-01 | -3.0901E-03 | 3.6487E-01 | -1.8518E-02 |
| 11.9 | 3.6102E-01 | -3.9347E-02 | 3.5969E-01 | -5.4525E-02 |
| 12.0 | 3.5380E-01 | -7.4910E-02 | 3.5099E-01 | -8.9691E-02 |
| 12.1 | 3.4312E-01 | -1.0943E-01 | 3.3890E-01 | -1.2368E-01 |
| 12.2 | 3.2912E-01 | -1.4258E-01 | 3.2356E-01 | -1.5617E-01 |
| 12.3 | 3.1195E-01 | -1.7404E-01 | 3.0514E-01 | -1.8684E-01 |
| 12.4 | 2.9182E-01 | -2.0351E-01 | 2.8386E-01 | -2.1543E-01 |
| 12.5 | 2.6894E-01 | -2.3072E-01 | 2.5994E-01 | -2.4165E-01 |
| 12.6 | 2.4357E-01 | -2.5542E-01 | 2.3364E-01 | -2.6527E-01 |
| 12.7 | 2.1598E-01 | -2.7738E-01 | 2.0524E-01 | -2.8609E-01 |
| 12.8 | 1.8646E-01 | -2.9641E-01 | 1.7504E-01 | -3.0391E-01 |
| 12.9 | 1.5531E-01 | -3.1234E-01 | 1.4333E-01 | -3.1858E-01 |
| 13.0 | 1.2285E-01 | -3.2504E-01 | 1.1046E-01 | -3.3000E-01 |
| 13.1 | 8.9418E-02 | -3.3440E-01 | 7.6737E-02 | -3.3805E-01 |
| 13.2 | 5.5352E-02 | -3.4037E-01 | 4.2516E-02 | -3.4271E-01 |
| 13.3 | 2.0991E-02 | -3.4290E-01 | 8.1327E-03 | -3.4393E-01 |
| 13.4 | -1.3321E-02 | -3.4200E-01 | -2.6074E-02 | -3.4174E-01 |
| 13.5 | -4.7245E-02 | -3.3770E-01 | -5.9768E-02 | -3.3619E-01 |
| 13.6 | -8.0448E-02 | -3.3008E-01 | -9.2621E-02 | -3.2734E-01 |
| 13.7 | -1.1261E-01 | -3.1922E-01 | -1.2432E-01 | -3.1533E-01 |
| 13.8 | -1.4341E-01 | -3.0526E-01 | -1.5455E-01 | -3.0027E-01 |
| 13.9 | -1.7257E-01 | -2.8837E-01 | -1.8304E-01 | -2.8235E-01 |
| 14.0 | -1.9979E-01 | -2.6872E-01 | -2.0951E-01 | -2.6177E-01 |
| 14.1 | -2.2484E-01 | -2.4654E-01 | -2.3371E-01 | -2.3873E-01 |
| 14.2 | -2.4747E-01 | -2.2206E-01 | -2.5543E-01 | -2.1350E-01 |
| 14.3 | -2.6747E-01 | -1.9554E-01 | -2.7446E-01 | -1.8632E-01 |
| 14.4 | -2.8468E-01 | -1.6726E-01 | -2.9065E-01 | -1.5749E-01 |
| 14.5 | -2.9893E-01 | -1.3752E-01 | -3.0384E-01 | -1.2730E-01 |
| 14.6 | -3.1010E-01 | -1.0660E-01 | -3.1393E-01 | -9.6055E-02 |
| 14.7 | -3.1811E-01 | -7.4836E-02 | -3.2084E-01 | -6.4071E-02 |
| 14.8 | -3.2290E-01 | -4.2541E-02 | -3.2452E-01 | -3.1668E-02 |
| 14.9 | -3.2444E-01 | -1.0040E-02 | -3.2496E-01 | 8.3000E-04 |
| 15.0 | -3.2274E-01 | 2.2344E-02 | -3.2218E-01 | 3.3102E-02 |

| R | RE(K0) | IM(K0) | RE(K1) | IM(K1) |
|------|-------------|-------------|-------------|-------------|
| 15.0 | -3.2274E-01 | 2.2344E-02 | -3.2218E-01 | 3.3102E-02 |
| 15.1 | -3.1784E-01 | 5.4290E-02 | -3.1622E-01 | 6.4832E-02 |
| 15.2 | -3.0980E-01 | 8.5484E-02 | -3.0716E-01 | 9.5710E-02 |
| 15.3 | -2.9874E-01 | 1.1562E-01 | -2.9512E-01 | 1.2544E-01 |
| 15.4 | -2.8477E-01 | 1.4441E-01 | -2.8023E-01 | 1.5372E-01 |
| 15.5 | -2.6805E-01 | 1.7158E-01 | -2.6266E-01 | 1.8031E-01 |
| 15.6 | -2.4877E-01 | 1.9686E-01 | -2.4259E-01 | 2.0493E-01 |
| 15.7 | -2.2714E-01 | 2.2002E-01 | -2.2025E-01 | 2.2736E-01 |
| 15.8 | -2.0338E-01 | 2.4084E-01 | -1.9586E-01 | 2.4739E-01 |
| 15.9 | -1.7774E-01 | 2.5913E-01 | -1.6969E-01 | 2.6485E-01 |
| 16.0 | -1.5050E-01 | 2.7473E-01 | -1.4200E-01 | 2.7956E-01 |
| 16.1 | -1.2193E-01 | 2.8749E-01 | -1.1306E-01 | 2.9141E-01 |
| 16.2 | -9.2315E-02 | 2.9731E-01 | -8.3191E-02 | 3.0030E-01 |
| 16.3 | -6.1968E-02 | 3.0411E-01 | -5.2677E-02 | 3.0615E-01 |
| 16.4 | -3.1188E-02 | 3.0784E-01 | -2.1826E-02 | 3.0893E-01 |
| 16.5 | -2.8468E-04 | 3.0847E-01 | 9.0544E-03 | 3.0862E-01 |
| 16.6 | 3.0435E-02 | 3.0603E-01 | 3.9658E-02 | 3.0526E-01 |
| 16.7 | 6.0667E-02 | 3.0056E-01 | 6.9685E-02 | 2.9888E-01 |
| 16.8 | 9.0113E-02 | 2.9213E-01 | 9.8839E-02 | 2.8958E-01 |
| 16.9 | 1.1849E-01 | 2.8083E-01 | 1.2684E-01 | 2.7745E-01 |
| 17.0 | 1.4551E-01 | 2.6681E-01 | 1.5342E-01 | 2.6265E-01 |
| 17.1 | 1.7093E-01 | 2.5020E-01 | 1.7832E-01 | 2.4532E-01 |
| 17.2 | 1.9450E-01 | 2.3121E-01 | 2.0130E-01 | 2.2566E-01 |
| 17.3 | 2.1599E-01 | 2.1002E-01 | 2.2215E-01 | 2.0387E-01 |
| 17.4 | 2.3521E-01 | 1.8686E-01 | 2.4067E-01 | 1.8018E-01 |
| 17.5 | 2.5197E-01 | 1.6197E-01 | 2.5670E-01 | 1.5484E-01 |
| 17.6 | 2.6613E-01 | 1.3560E-01 | 2.7009E-01 | 1.2810E-01 |
| 17.7 | 2.7756E-01 | 1.0804E-01 | 2.8072E-01 | 1.0025E-01 |
| 17.8 | 2.8615E-01 | 7.9555E-02 | 2.8850E-01 | 7.1555E-02 |
| 17.9 | 2.9185E-01 | 5.0438E-02 | 2.9337E-01 | 4.2311E-02 |
| 18.0 | 2.9461E-01 | 2.0979E-02 | 2.9530E-01 | 1.2810E-02 |
| 18.1 | 2.9441E-01 | -8.5249E-03 | 2.9429E-01 | -1.6655E-02 |
| 18.2 | 2.9129E-01 | -3.7781E-02 | 2.9036E-01 | -4.5792E-02 |
| 18.3 | 2.8527E-01 | -6.6501E-02 | 2.8357E-01 | -7.4314E-02 |
| 18.4 | 2.7645E-01 | -9.4401E-02 | 2.7399E-01 | -1.0194E-01 |
| 18.5 | 2.6492E-01 | -1.2121E-01 | 2.6175E-01 | -1.2841E-01 |
| 18.6 | 2.5082E-01 | -1.4667E-01 | 2.4697E-01 | -1.5346E-01 |
| 18.7 | 2.3429E-01 | -1.7053E-01 | 2.2982E-01 | -1.7685E-01 |
| 18.8 | 2.1551E-01 | -1.9256E-01 | 2.1047E-01 | -1.9835E-01 |
| 18.9 | 1.9469E-01 | -2.1255E-01 | 1.8914E-01 | -2.1777E-01 |
| 19.0 | 1.7203E-01 | -2.3032E-01 | 1.6604E-01 | -2.3493E-01 |
| 19.1 | 1.4778E-01 | -2.4571E-01 | 1.4141E-01 | -2.4966E-01 |
| 19.2 | 1.2219E-01 | -2.5856E-01 | 1.1550E-01 | -2.6183E-01 |
| 19.3 | 9.5505E-02 | -2.6877E-01 | 8.8579E-02 | -2.7134E-01 |
| 19.4 | 6.8011E-02 | -2.7625E-01 | 6.0918E-02 | -2.7810E-01 |
| 19.5 | 3.9980E-02 | -2.8094E-01 | 3.2794E-02 | -2.8206E-01 |
| 19.6 | 1.1693E-02 | -2.8281E-01 | 4.4870E-03 | -2.8320E-01 |
| 19.7 | -1.6566E-02 | -2.8184E-01 | -2.3720E-02 | -2.8151E-01 |
| 19.8 | -4.4517E-02 | -2.7808E-01 | -5.1549E-02 | -2.7704E-01 |
| 19.9 | -7.1883E-02 | -2.7156E-01 | -7.8724E-02 | -2.6984E-01 |
| 20.0 | -9.8396E-02 | -2.6236E-01 | -1.0498E-01 | -2.5999E-01 |